

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

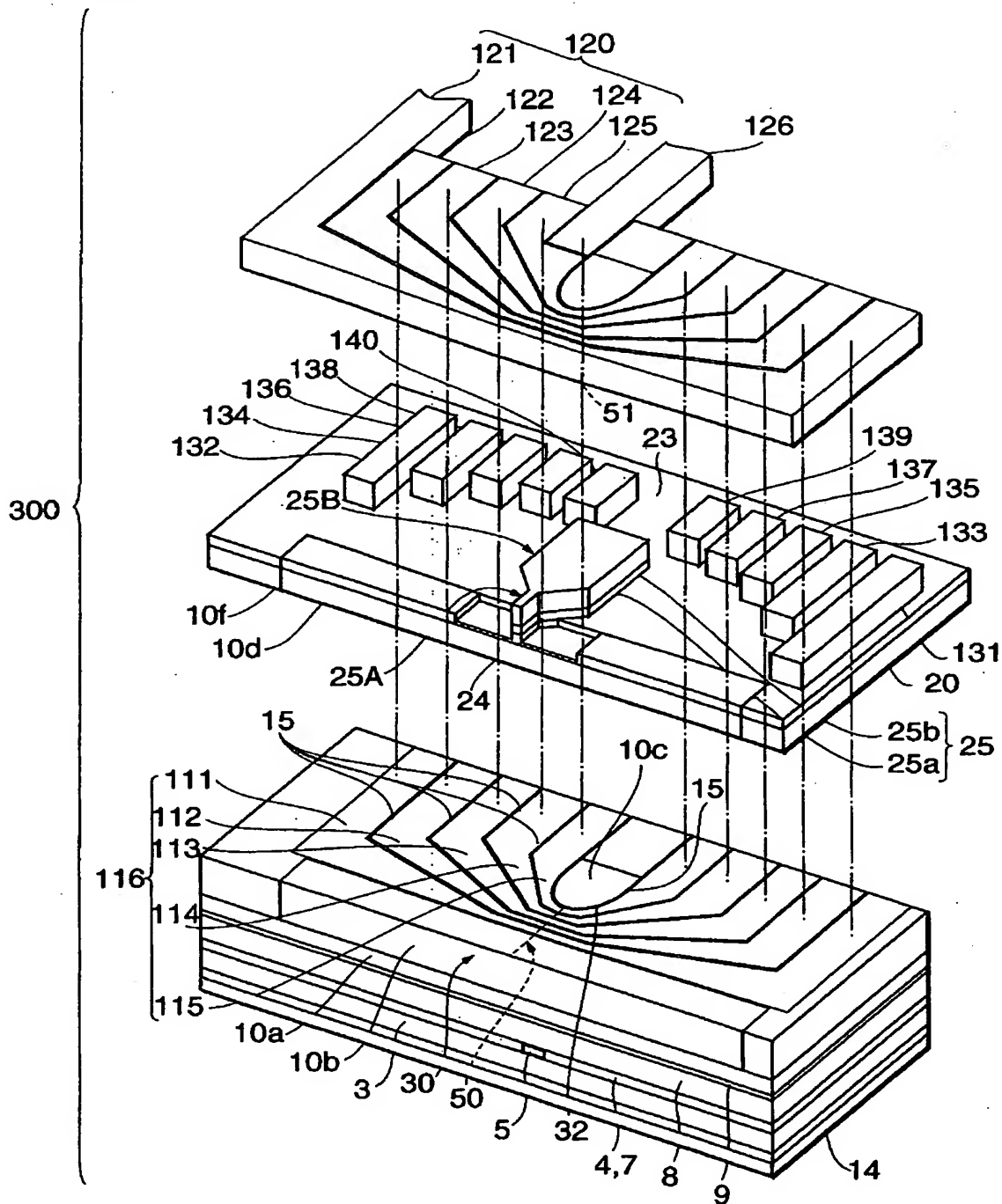
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Fig.1



2/38

Fig.2

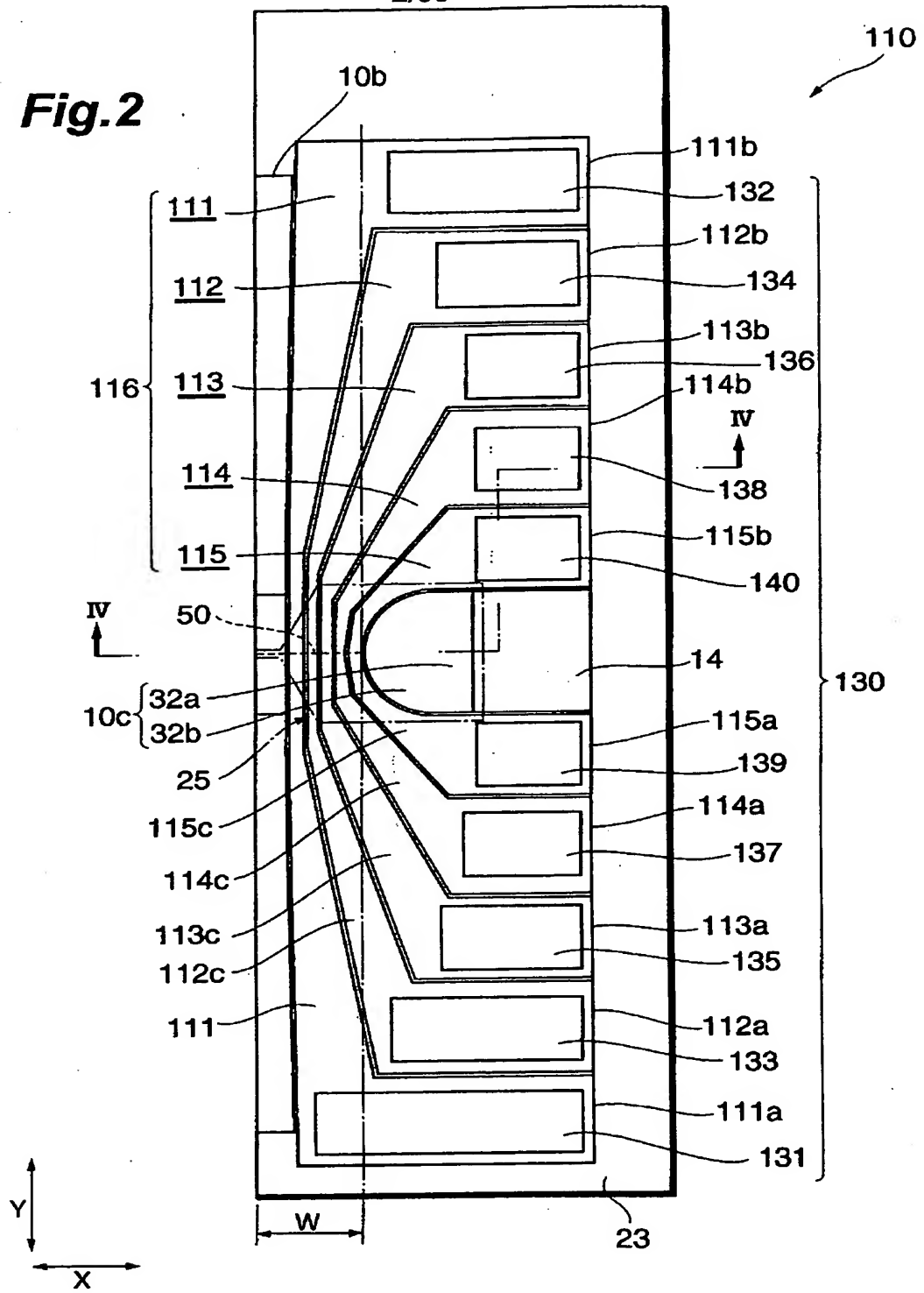


Fig.3

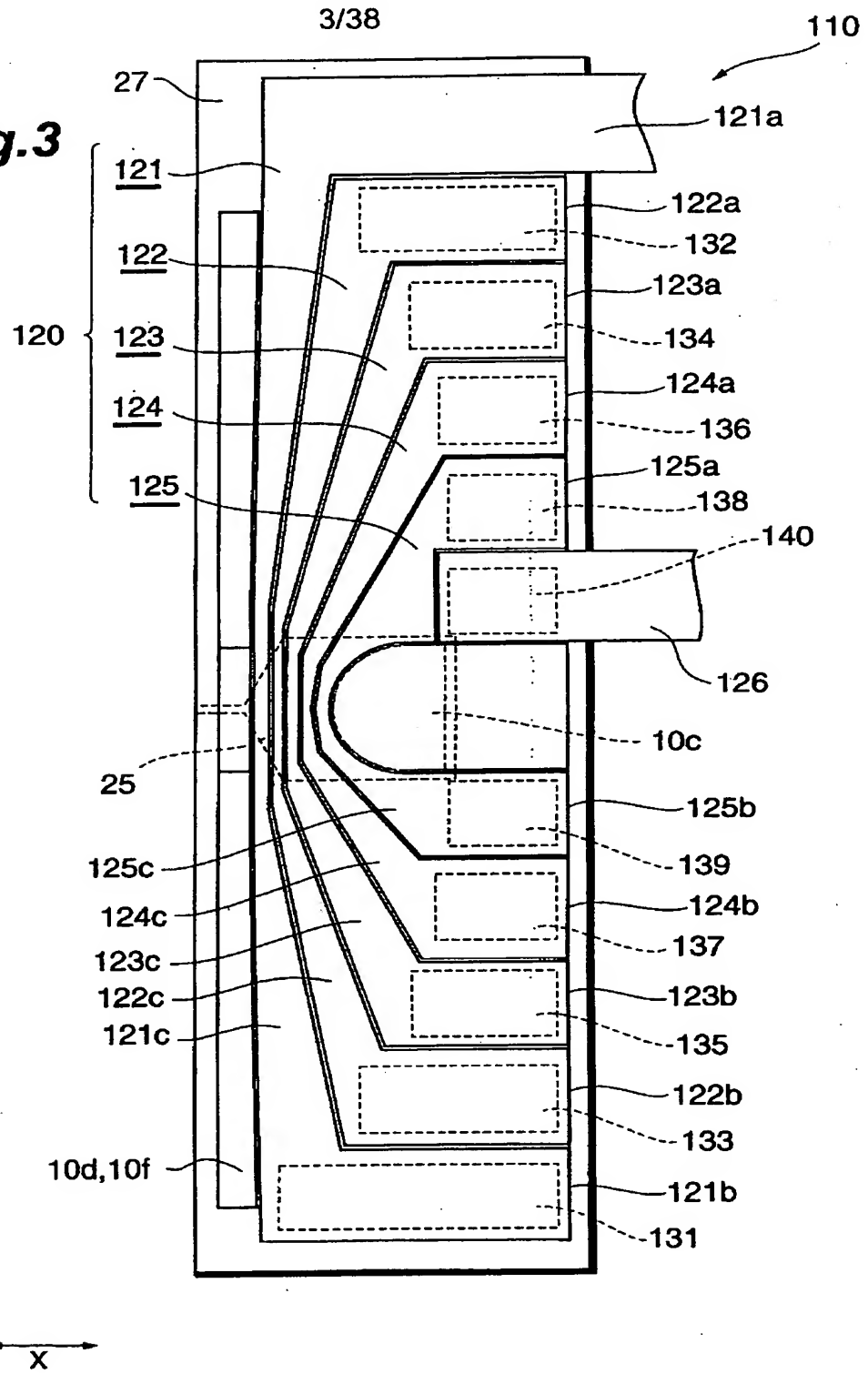


Fig. 5A

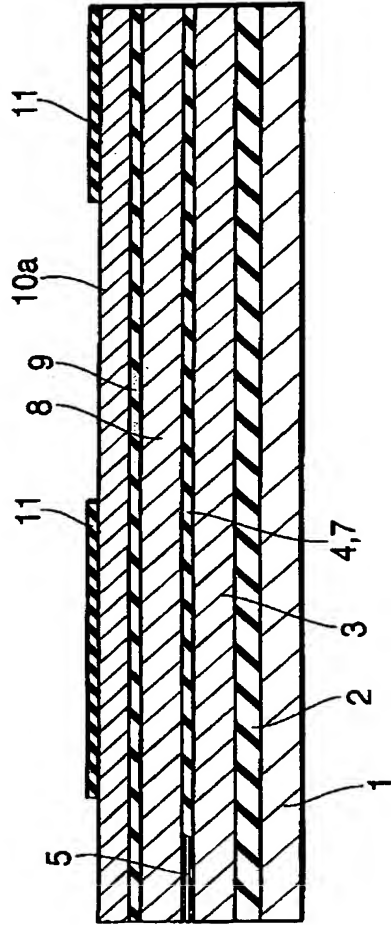


Fig. 5B

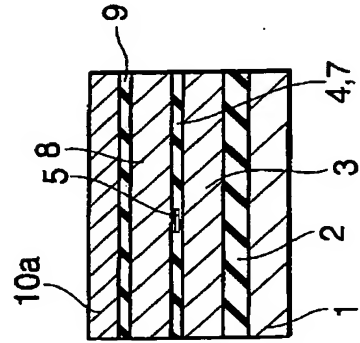


Fig. 6B

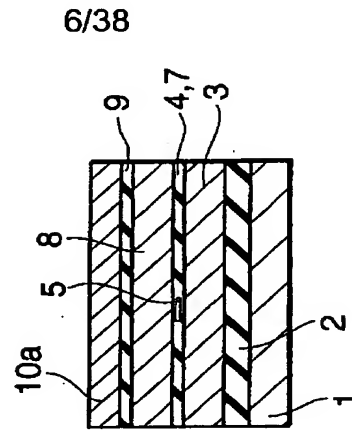
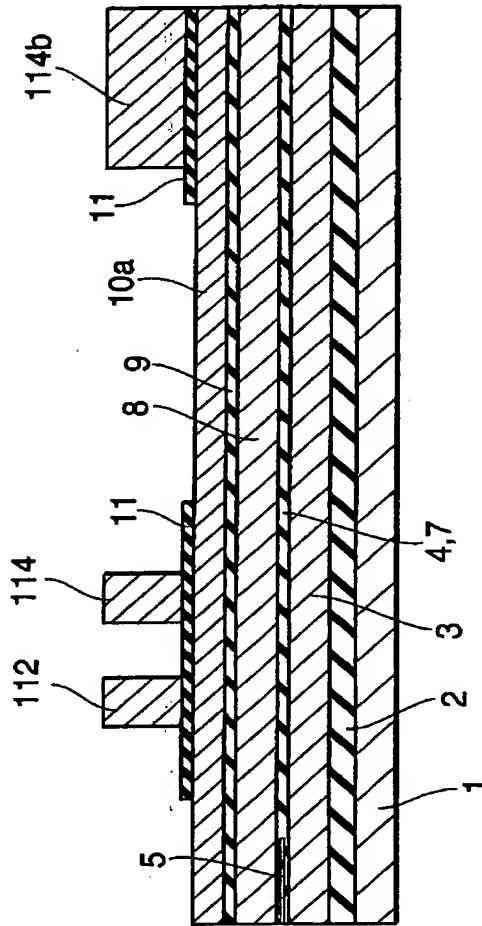
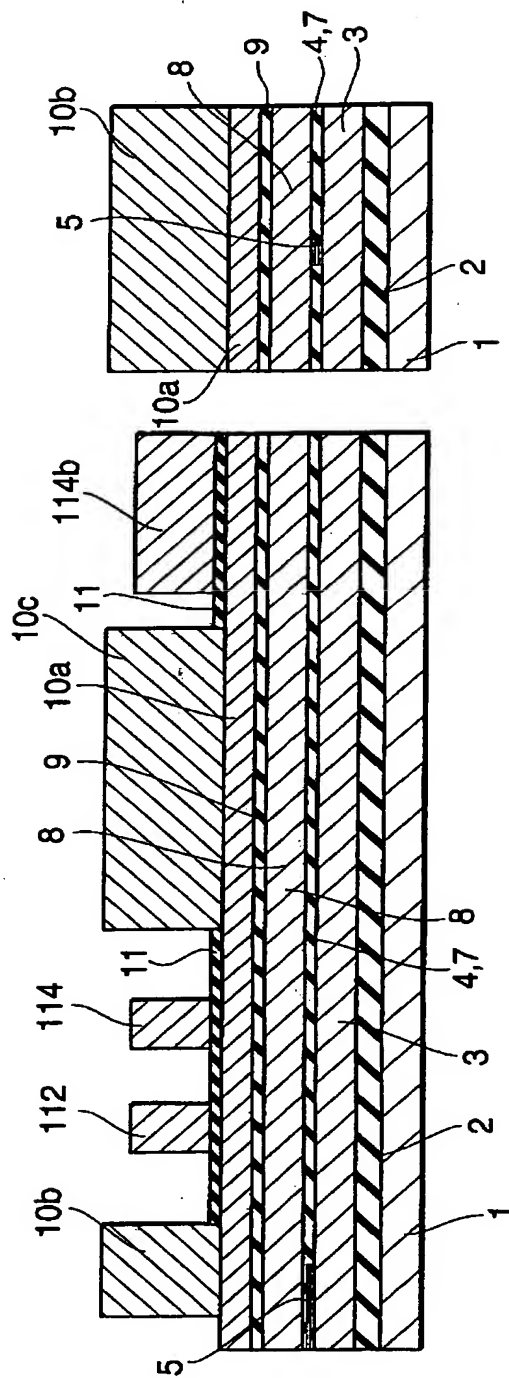


Fig. 6A



7/38

Fig. 7B



8/38

Fig. 8B

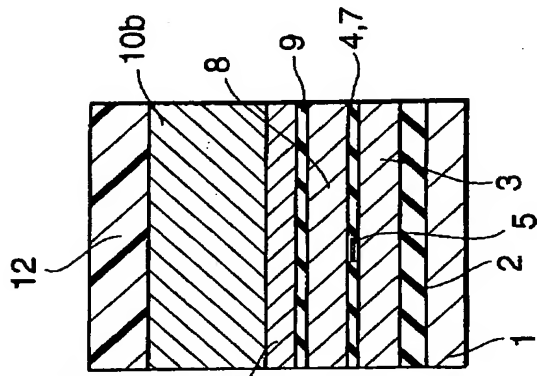
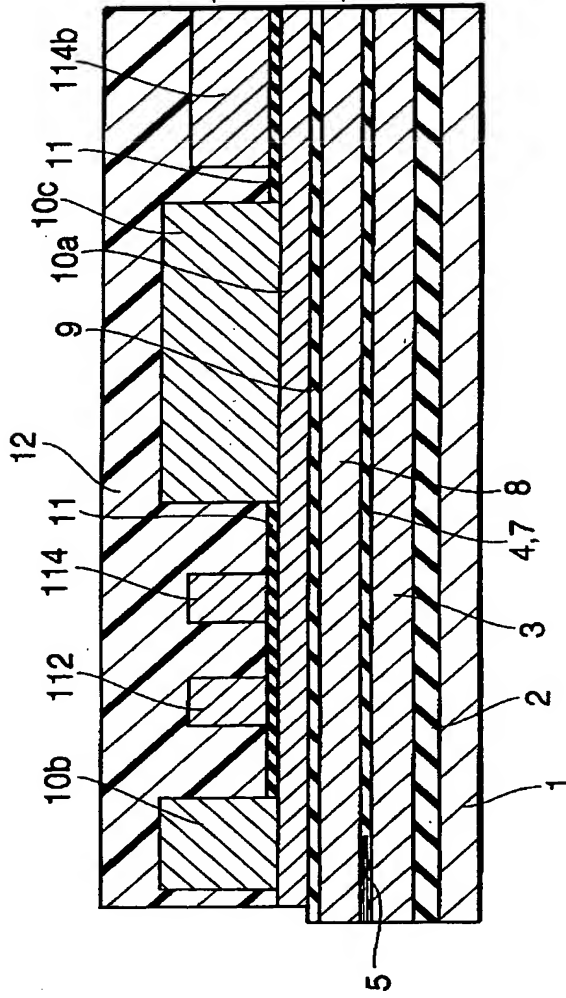


Fig. 8A



9/38

Fig.9B

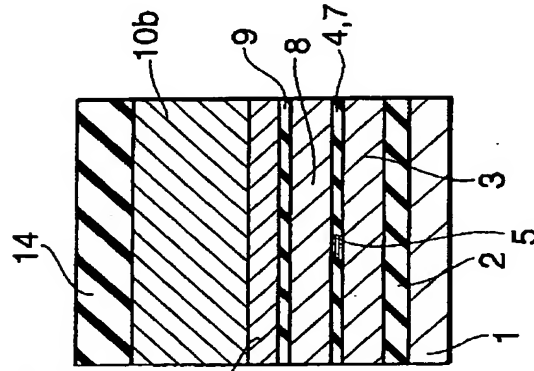


Fig.9A

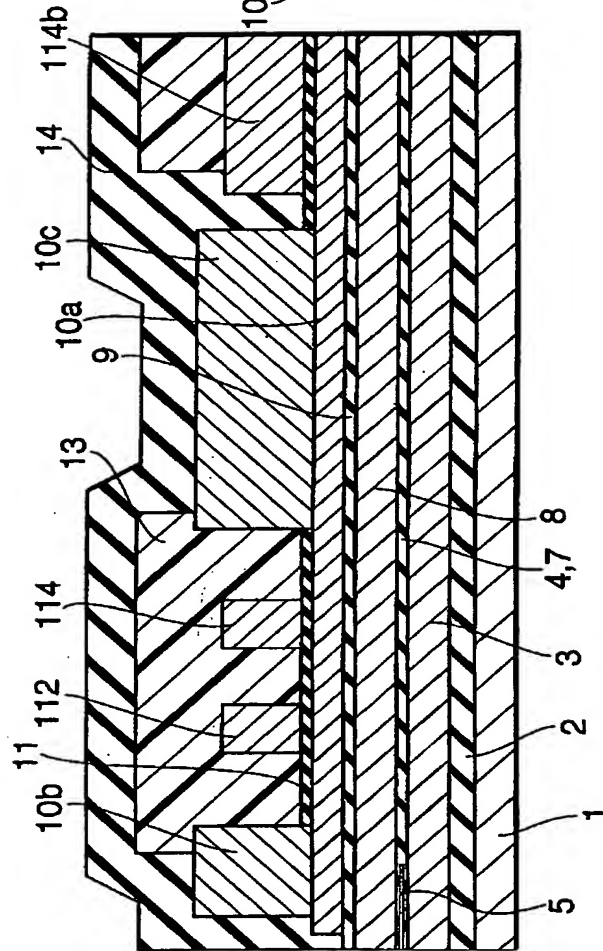


Fig.10B

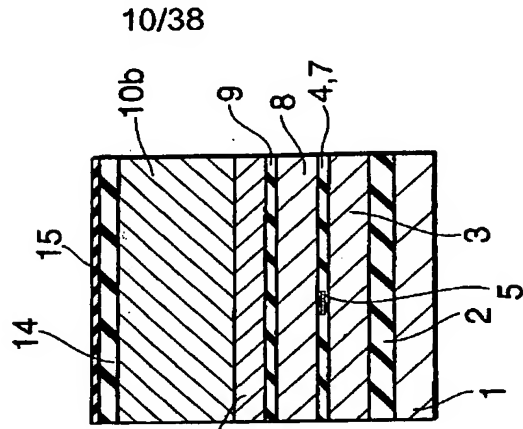


Fig.10A

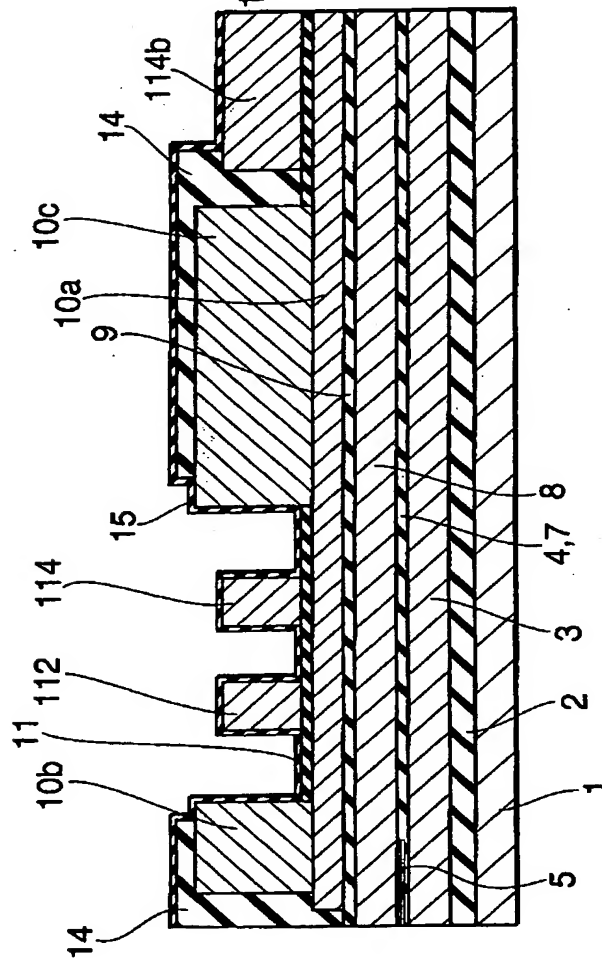


Fig. 11B

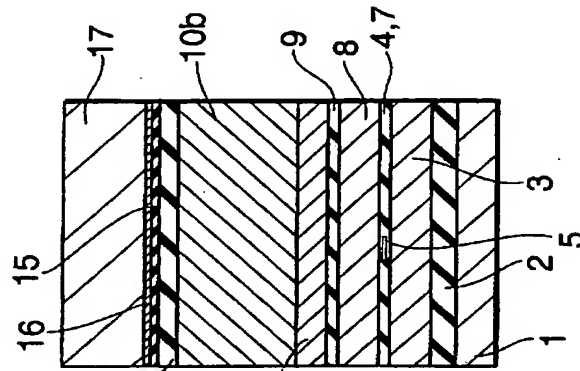
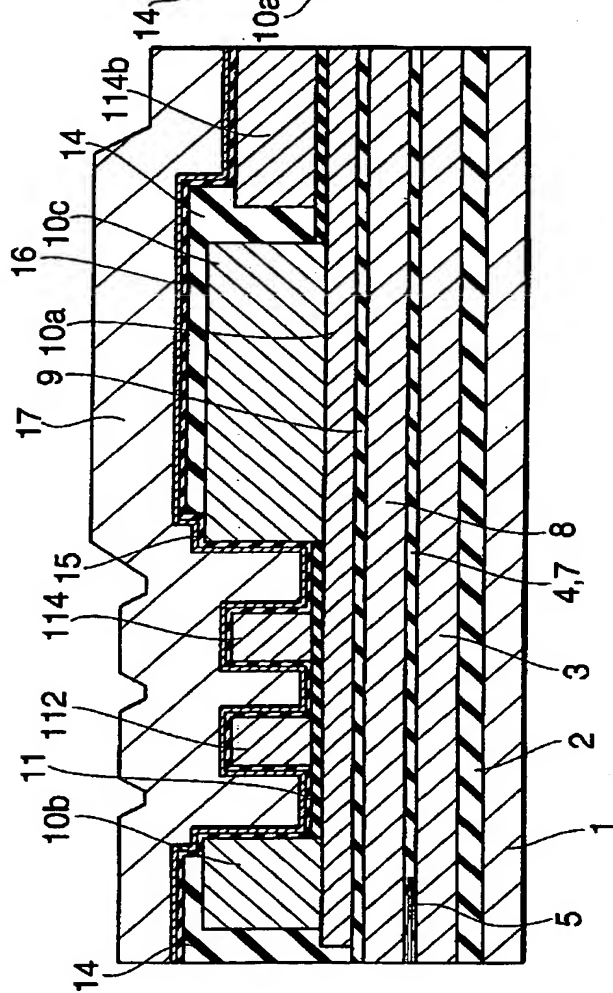


Fig. 11A



12/38

Fig.12B

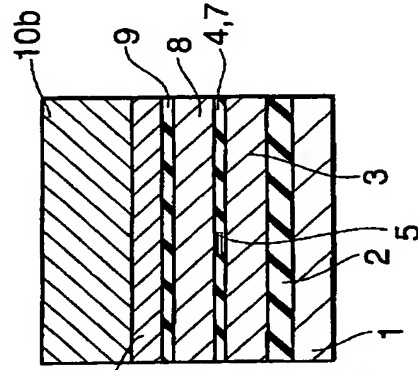


Fig.12A

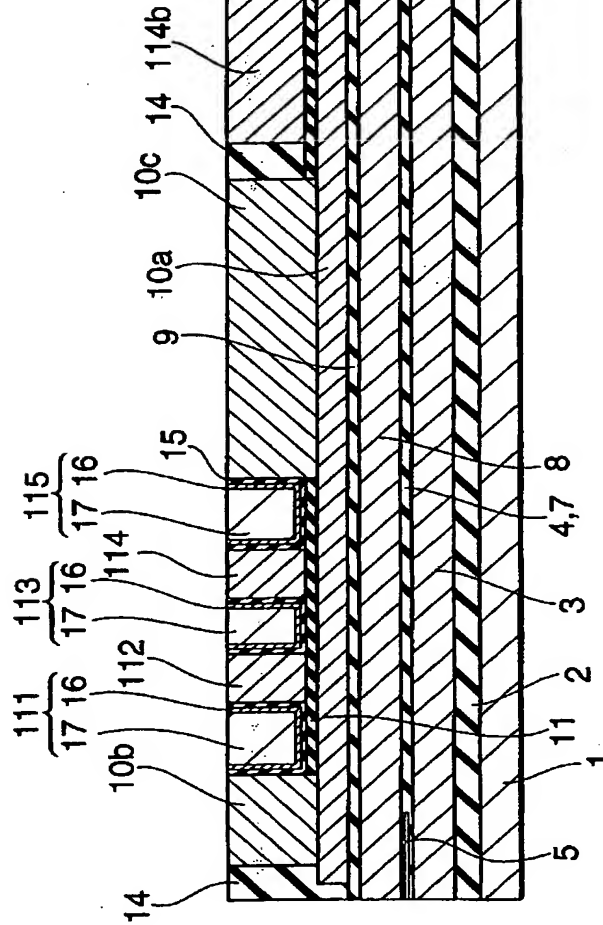


Fig. 13A

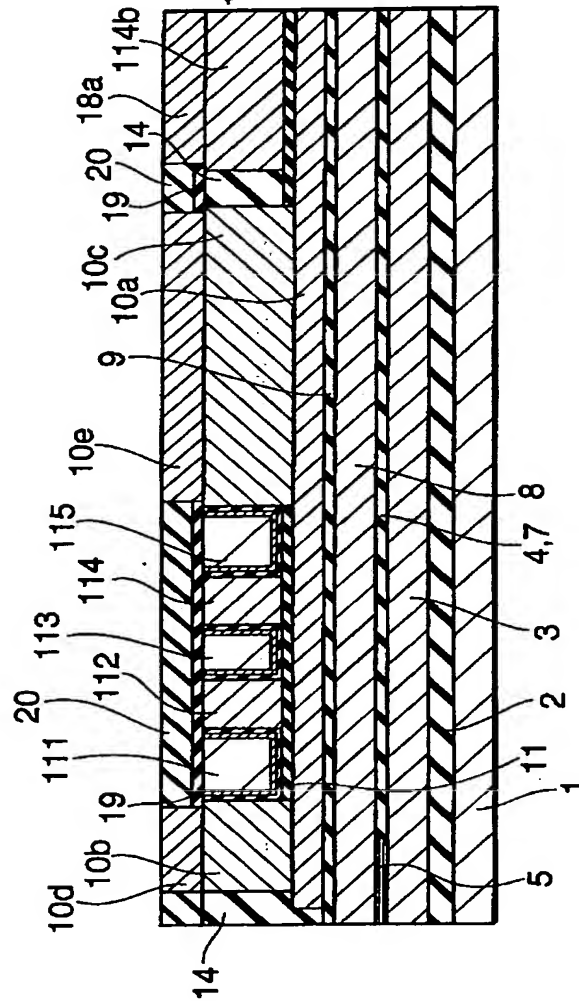


Fig. 13B

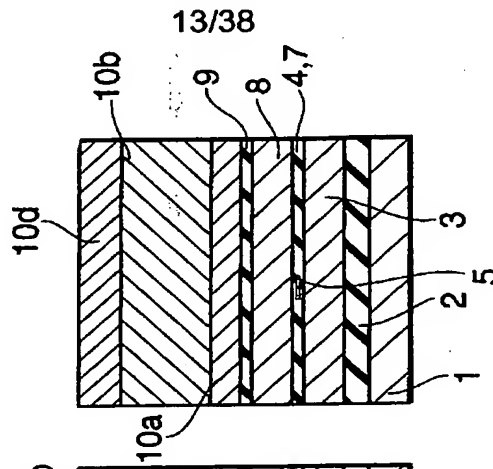


Fig.14B

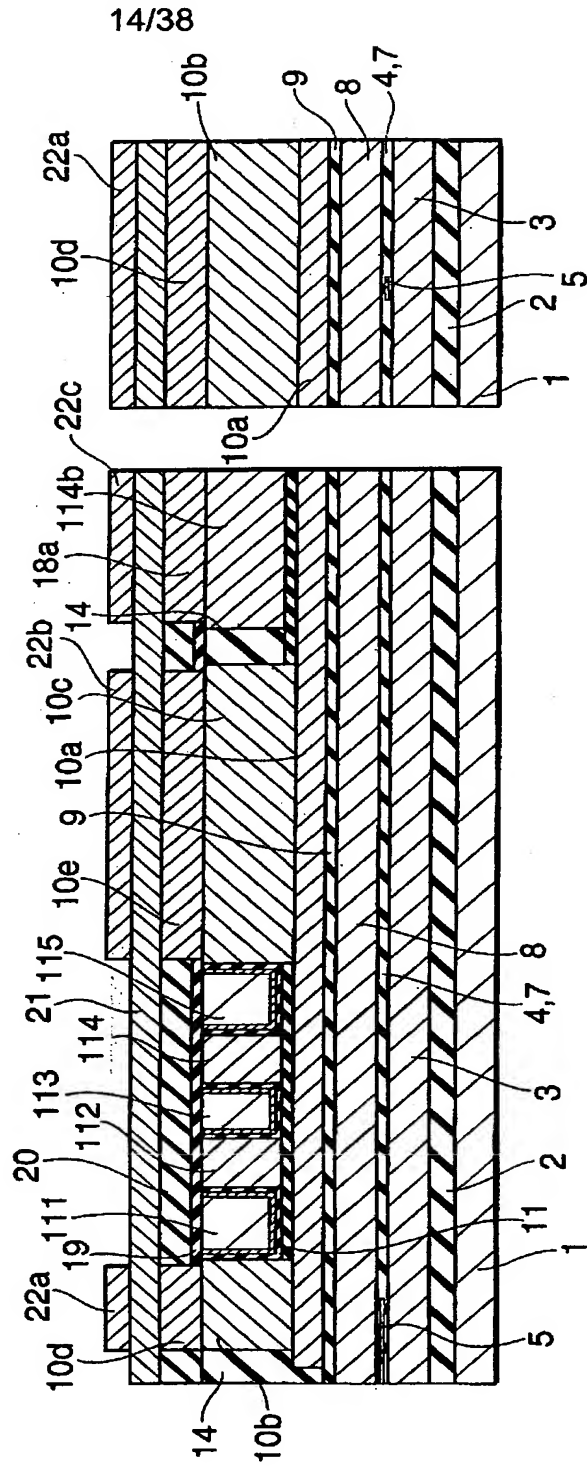


Fig.14A

Fig. 15A

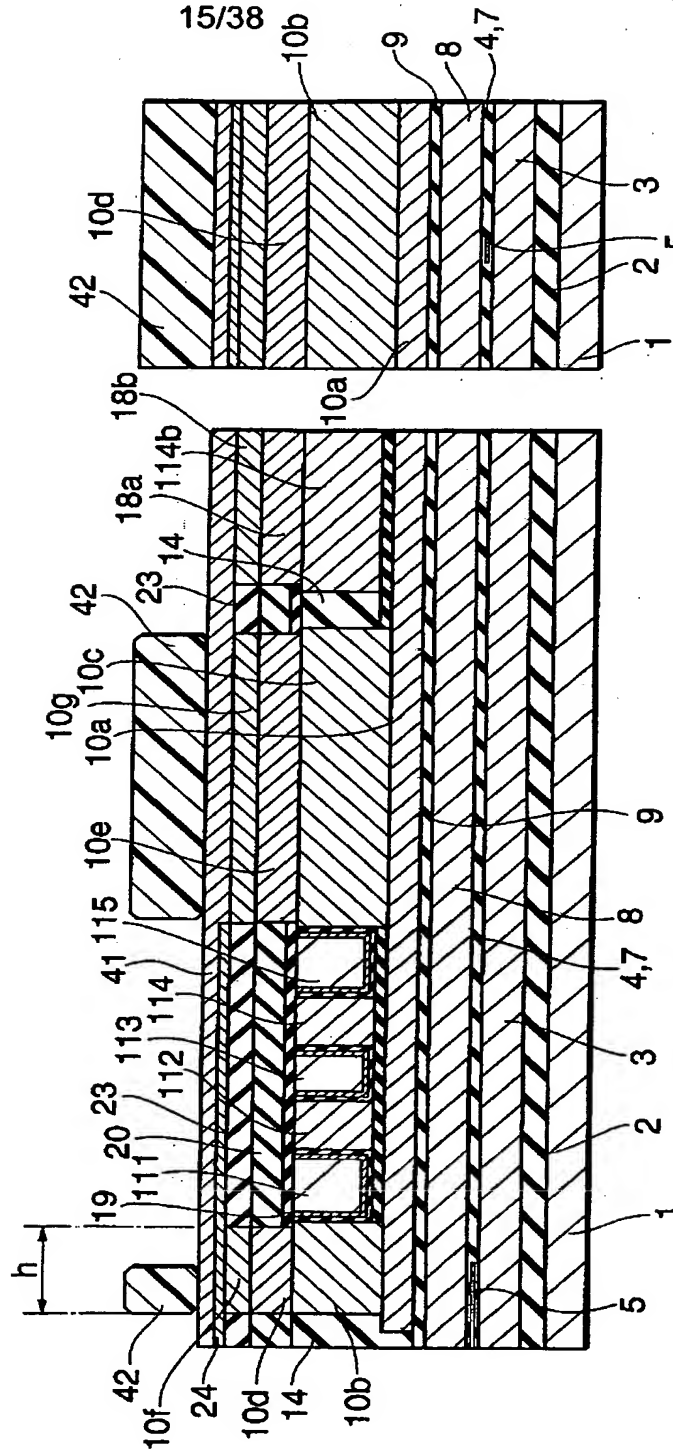


Fig. 15B

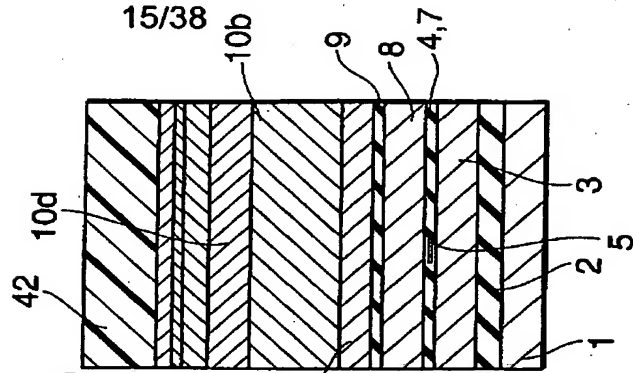


Fig.16A

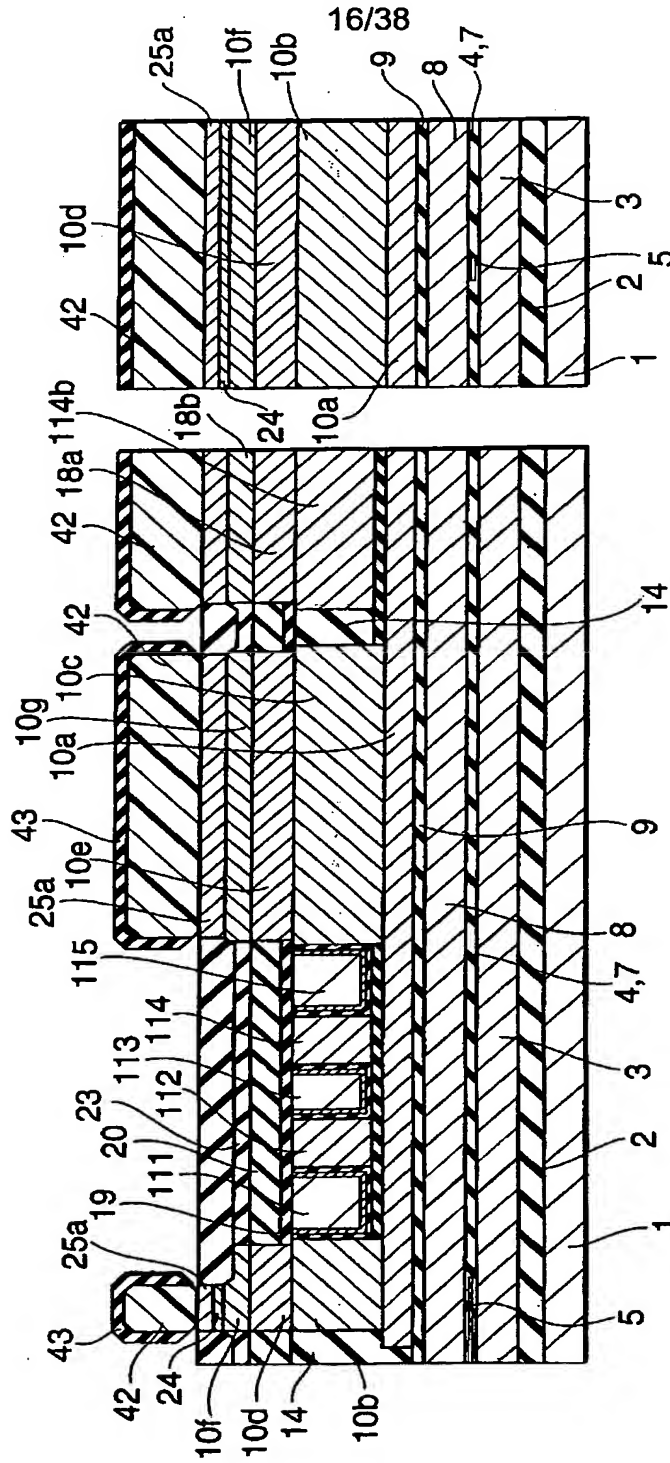


Fig.16B

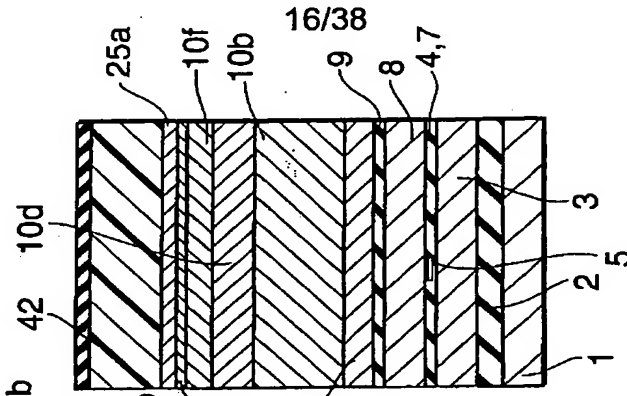


Fig. 17A

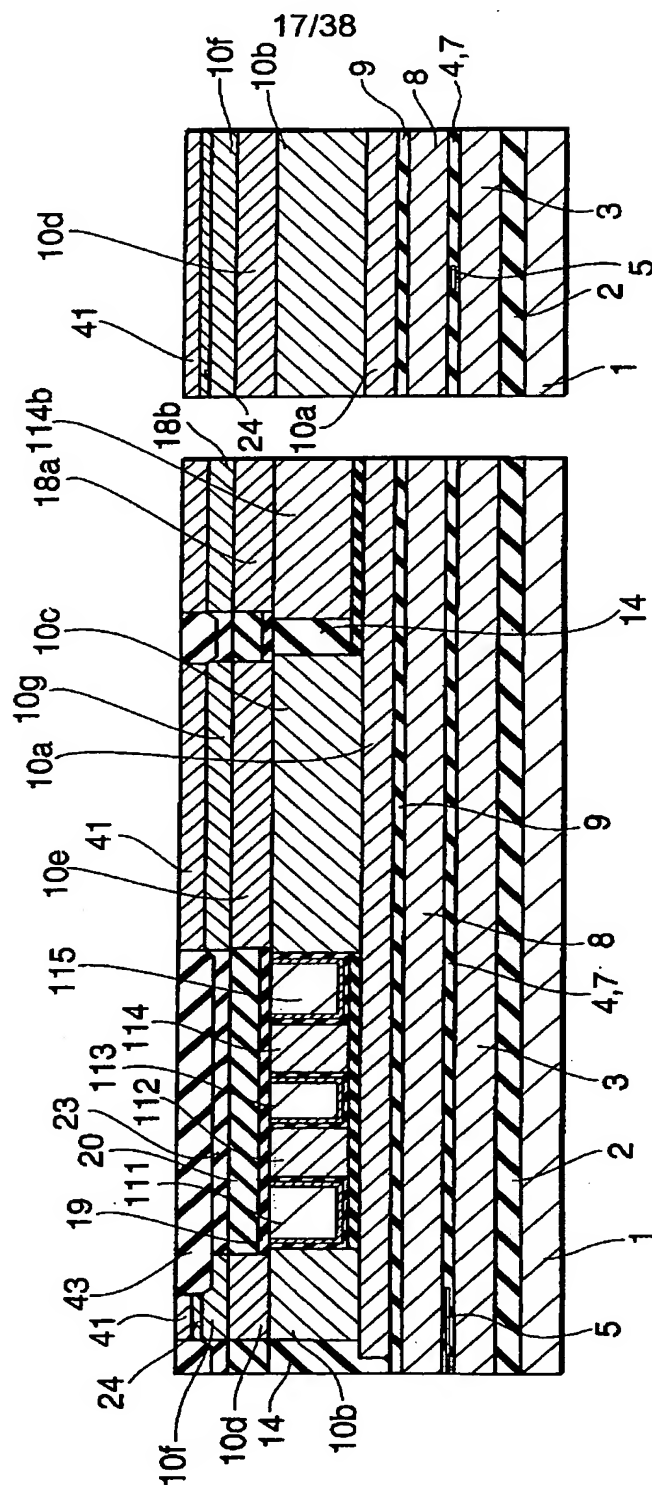


Fig. 17B

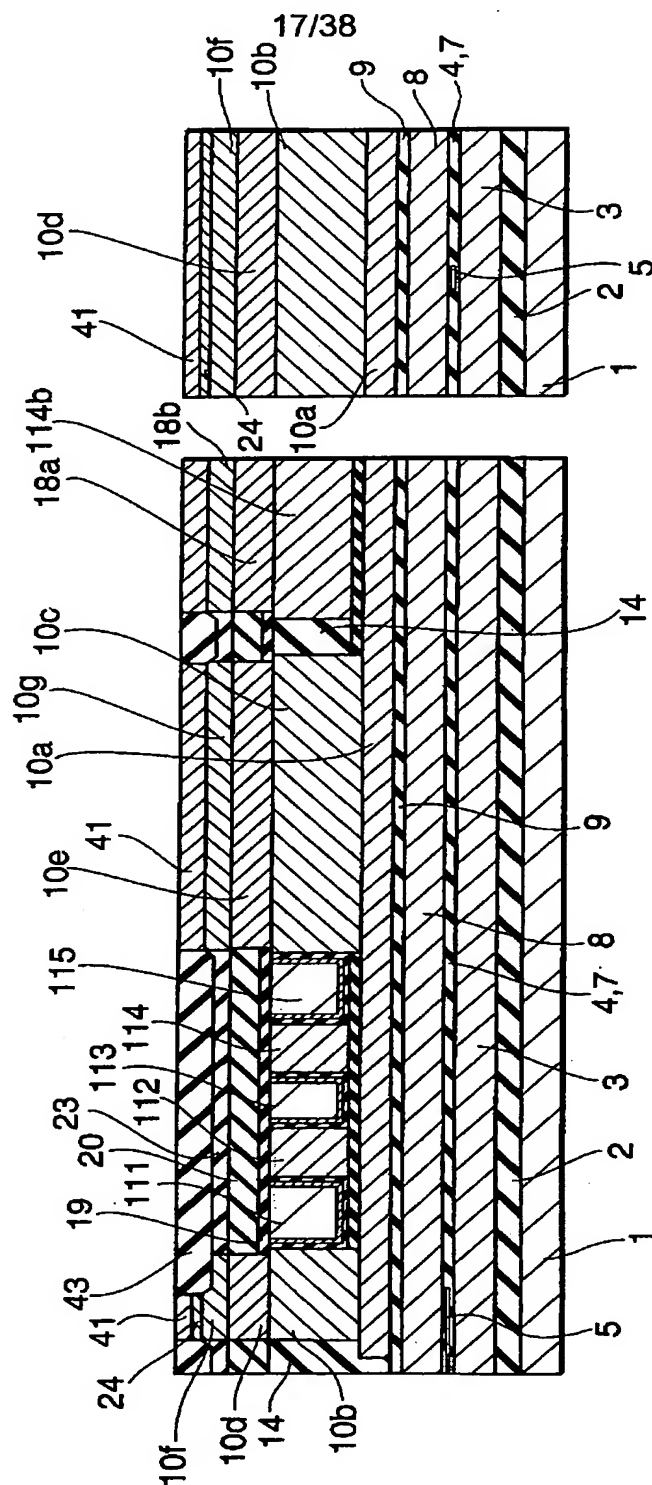


Fig.18A

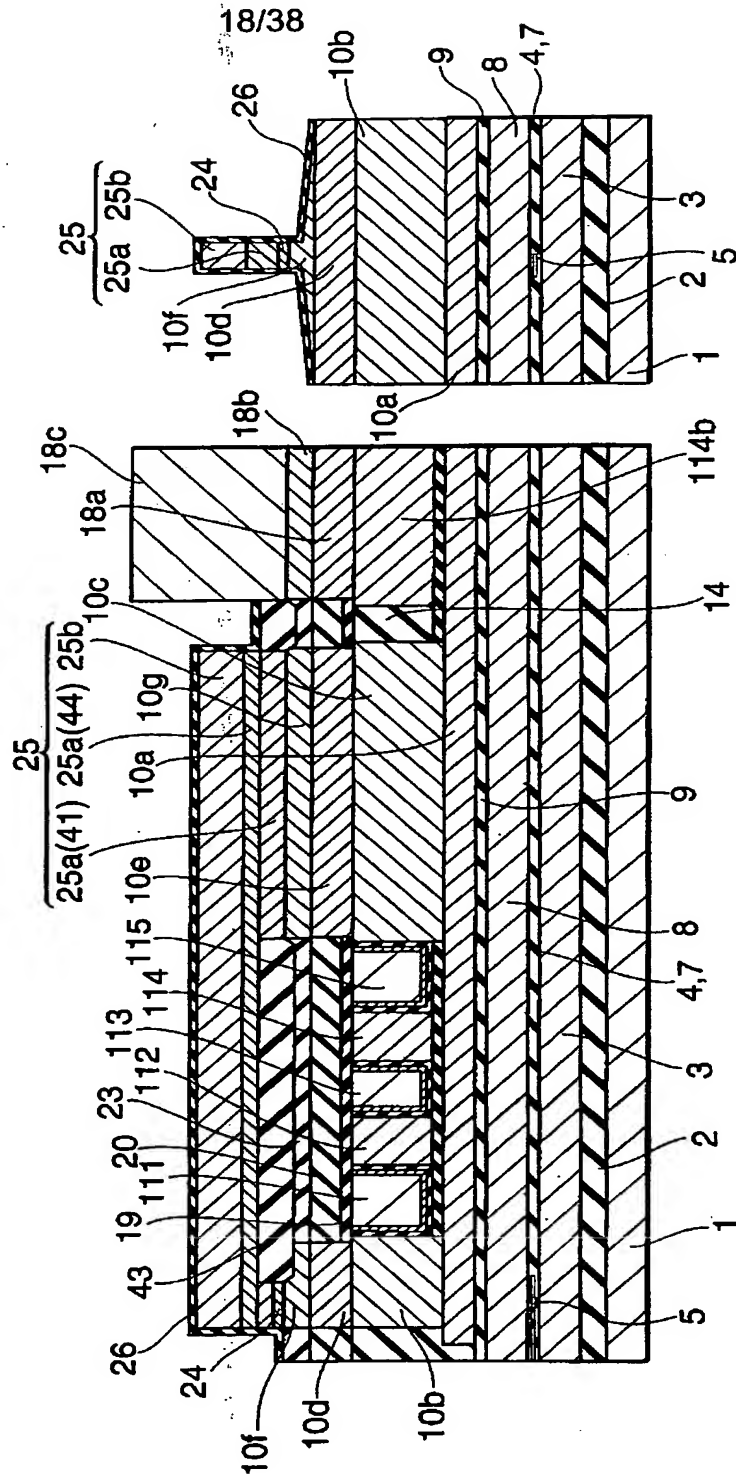


Fig.18B

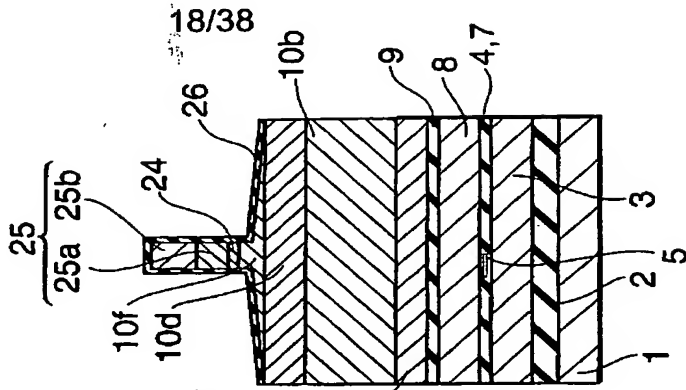


Fig. 19A

Fig. 19B

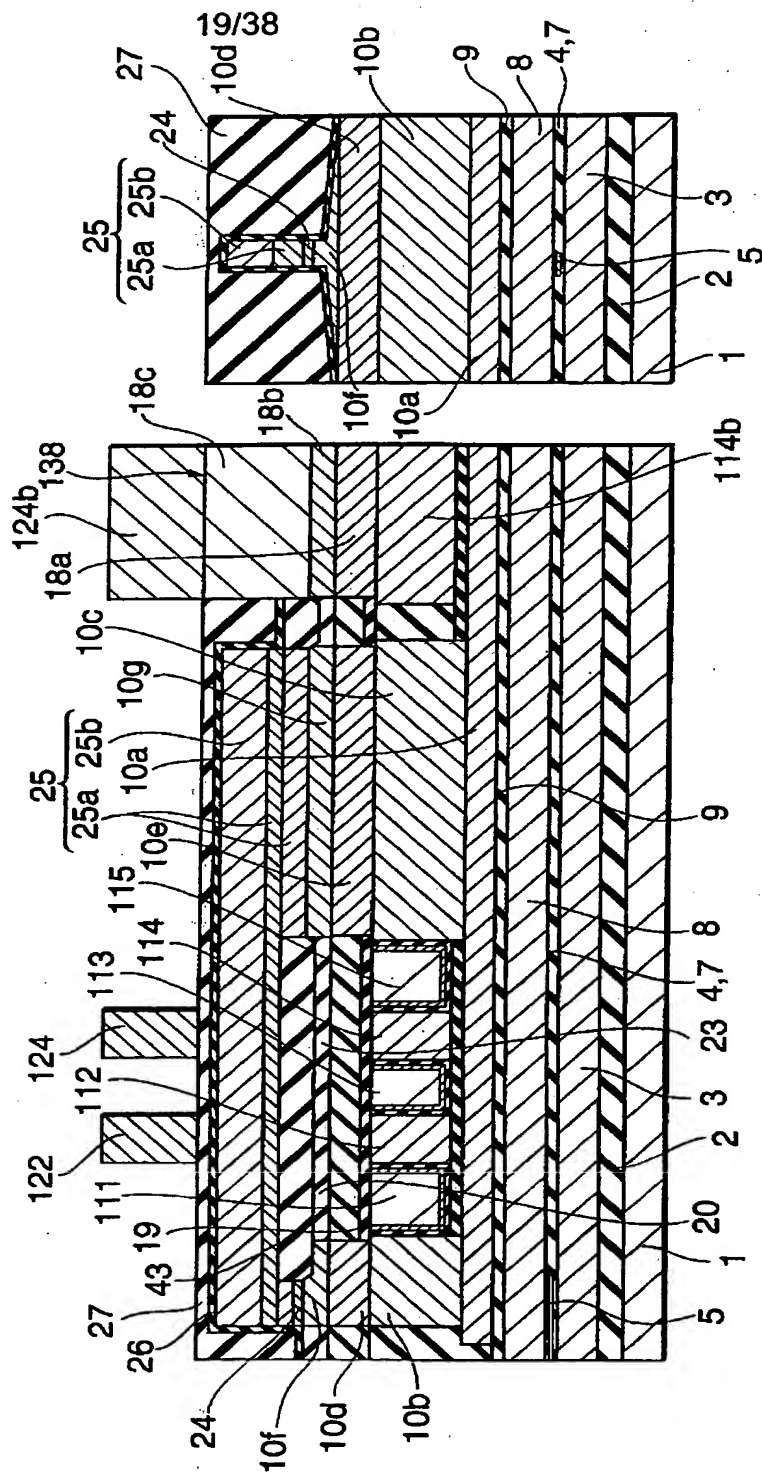


Fig. 20A

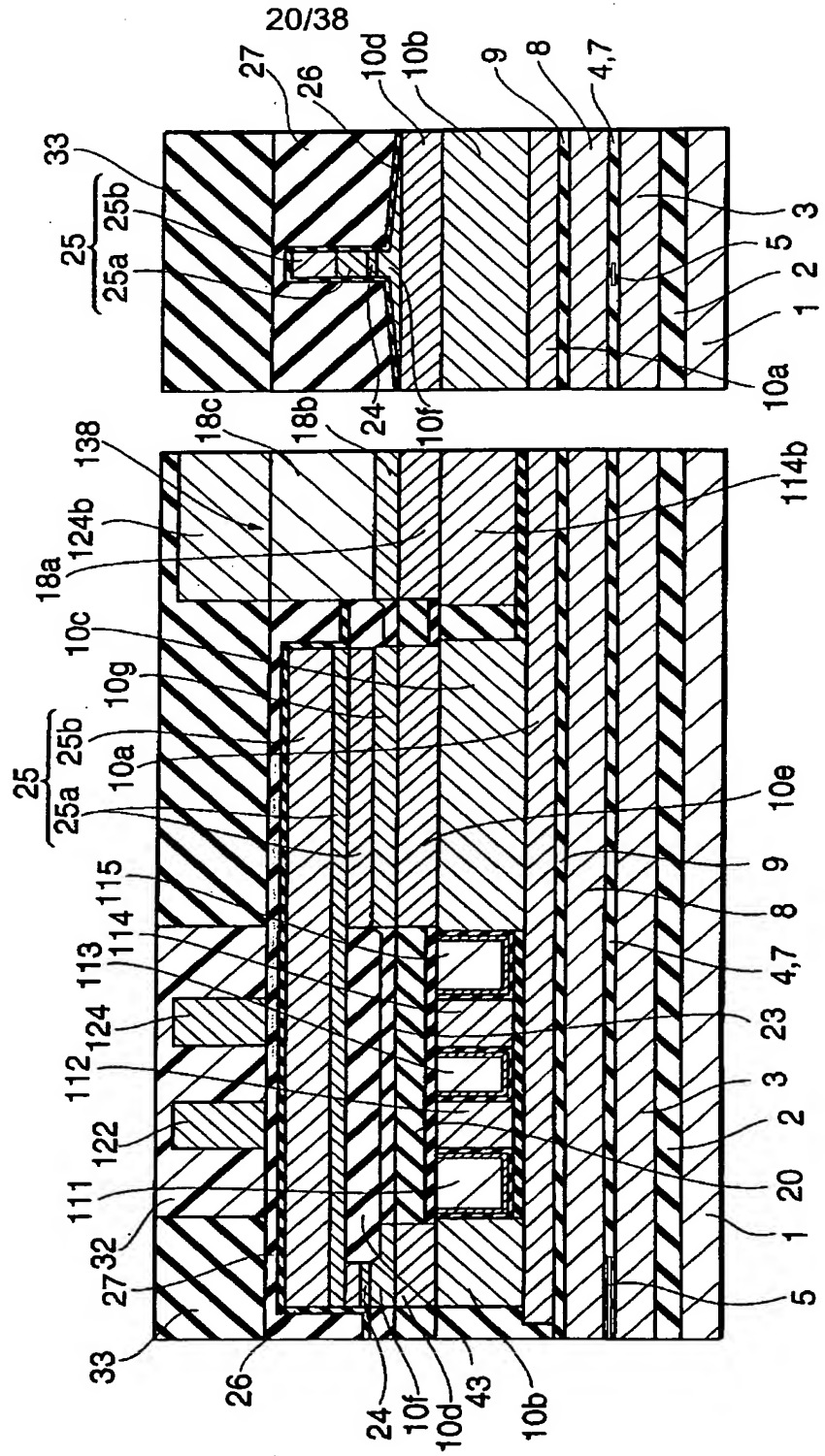


Fig. 20B

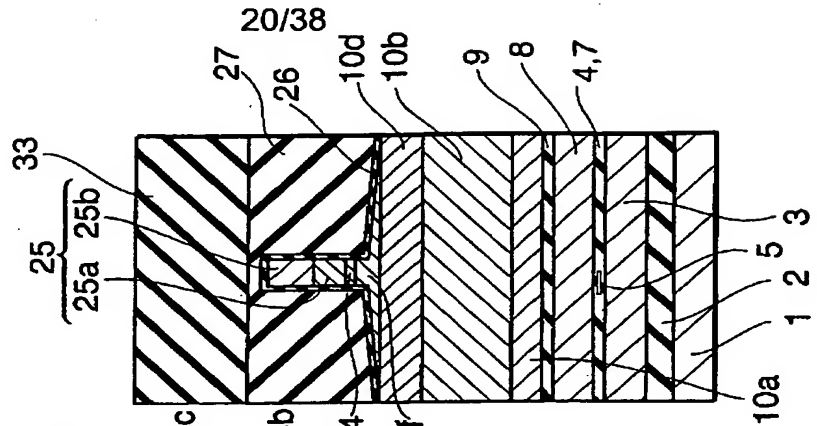


Fig. 21A

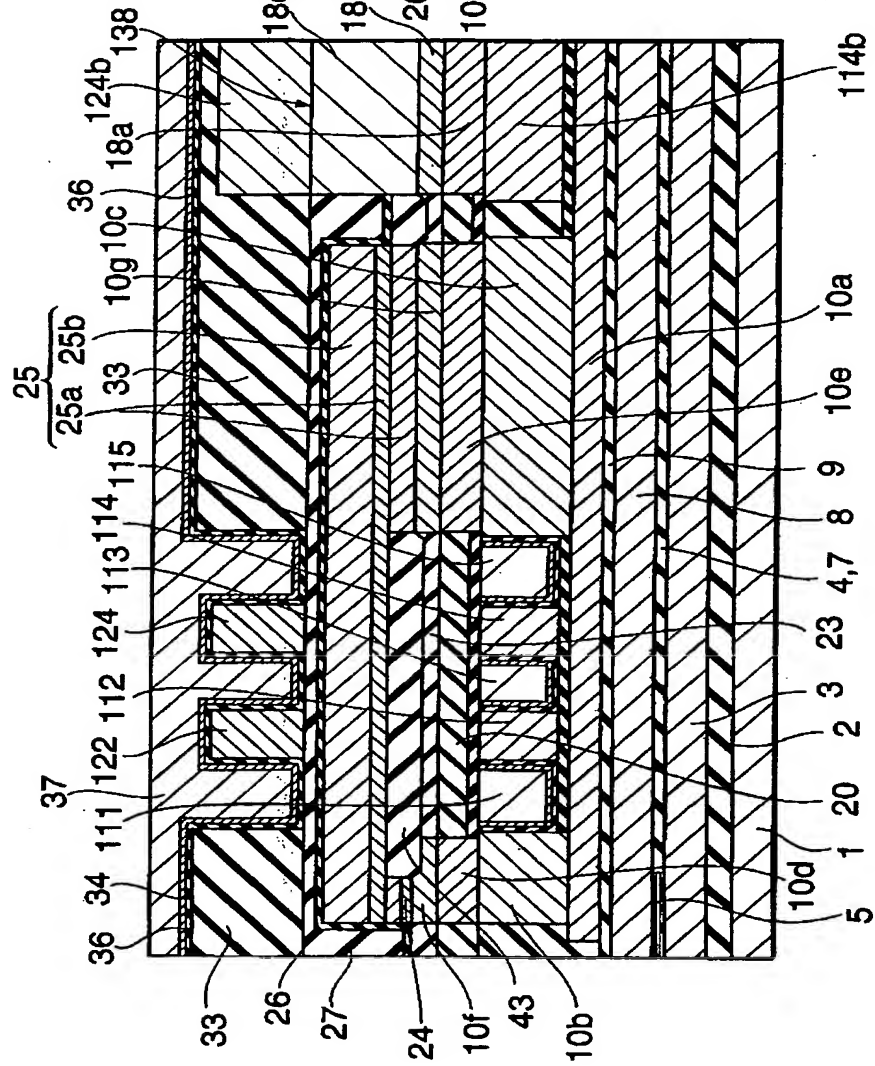


Fig. 21B

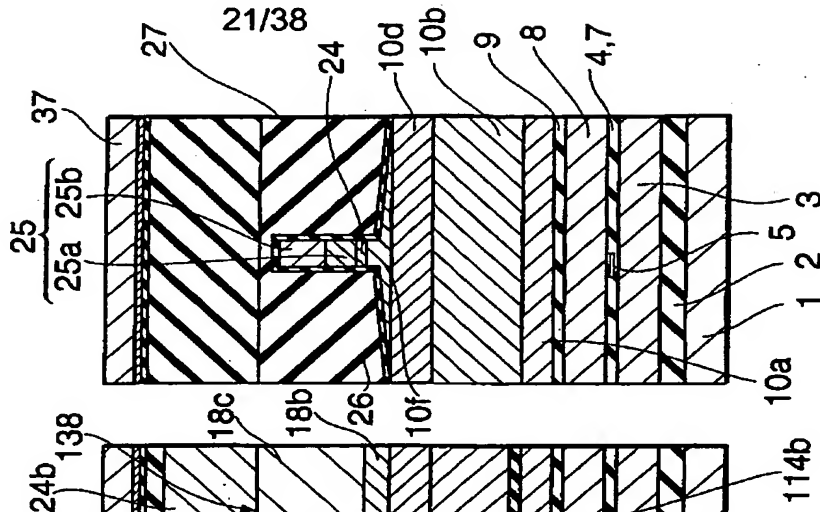


Fig.22B

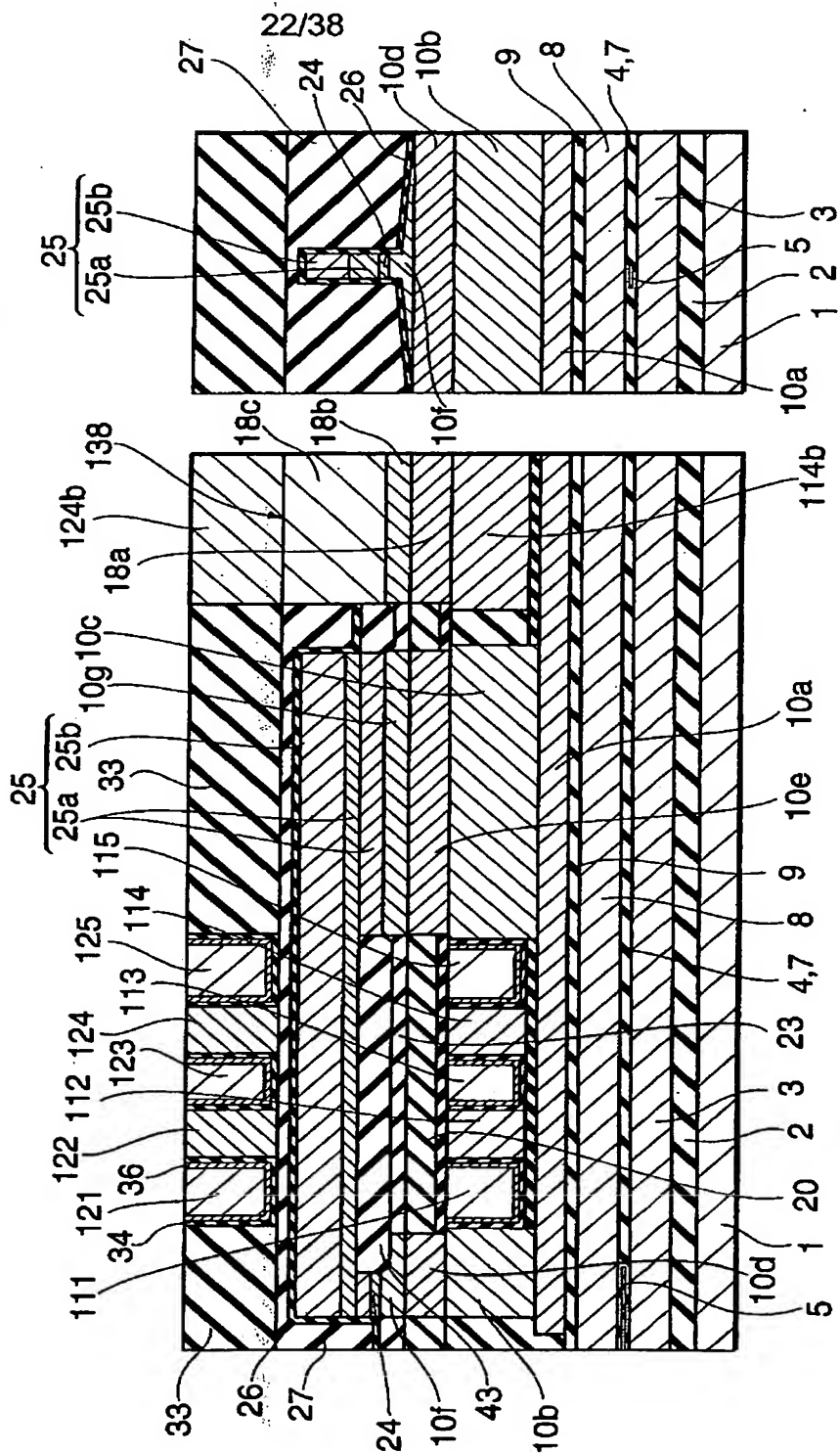


Fig.22A

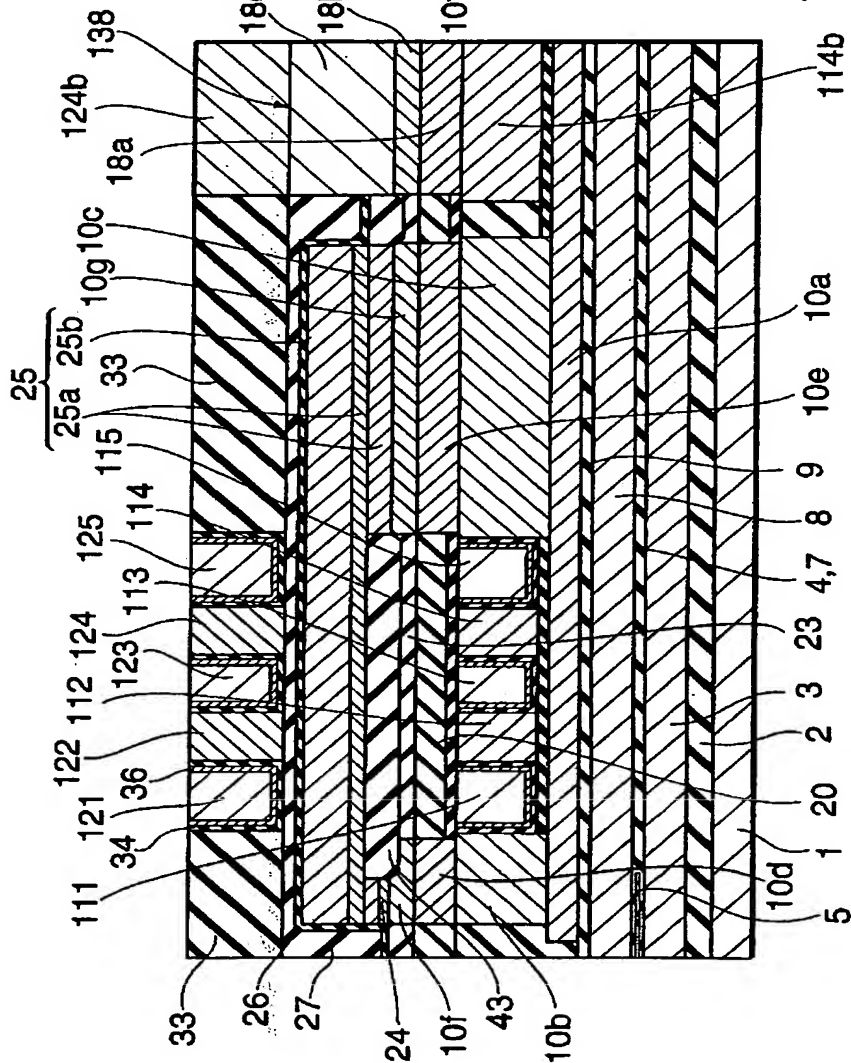


Fig.23

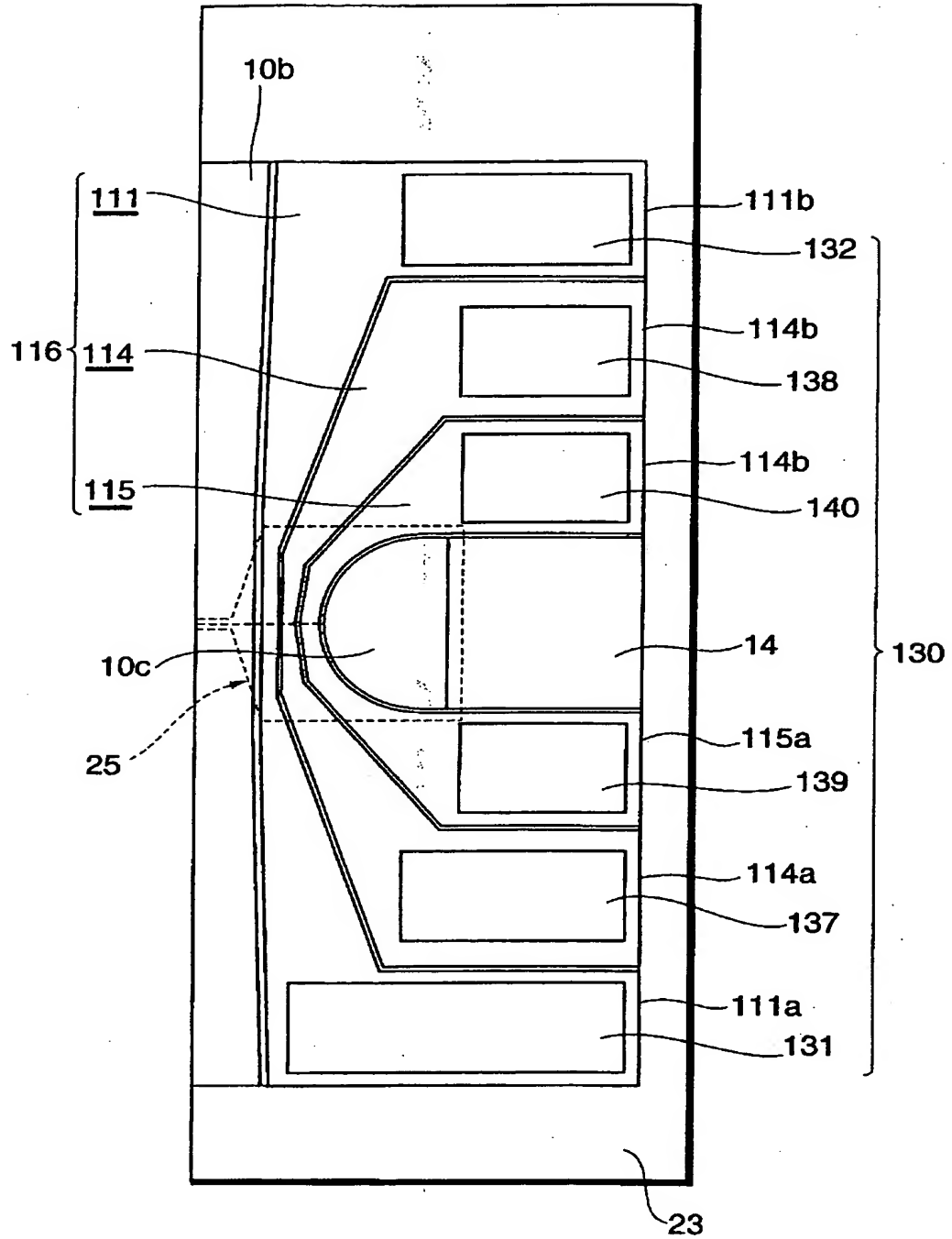


Fig.24

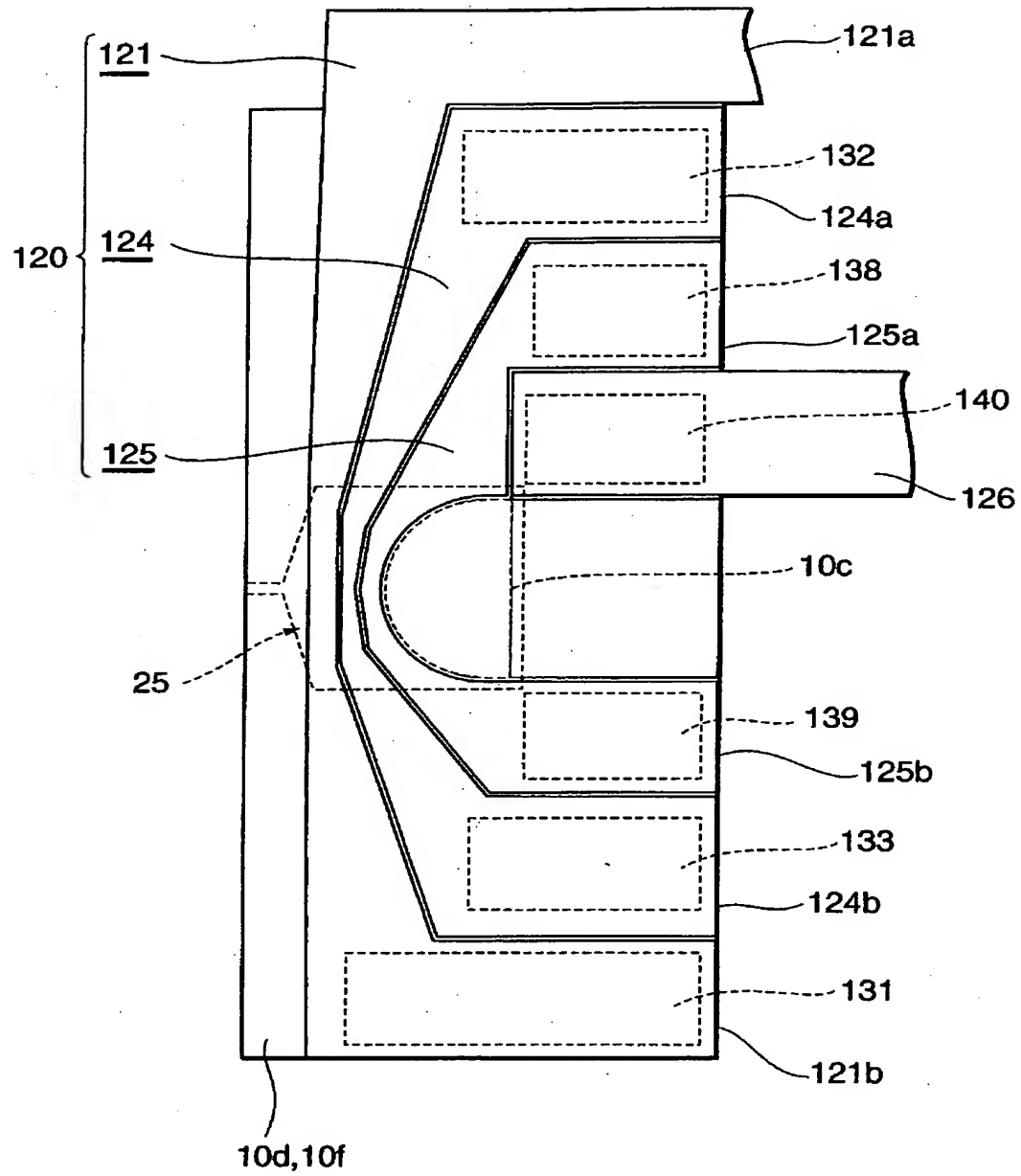


Fig.25

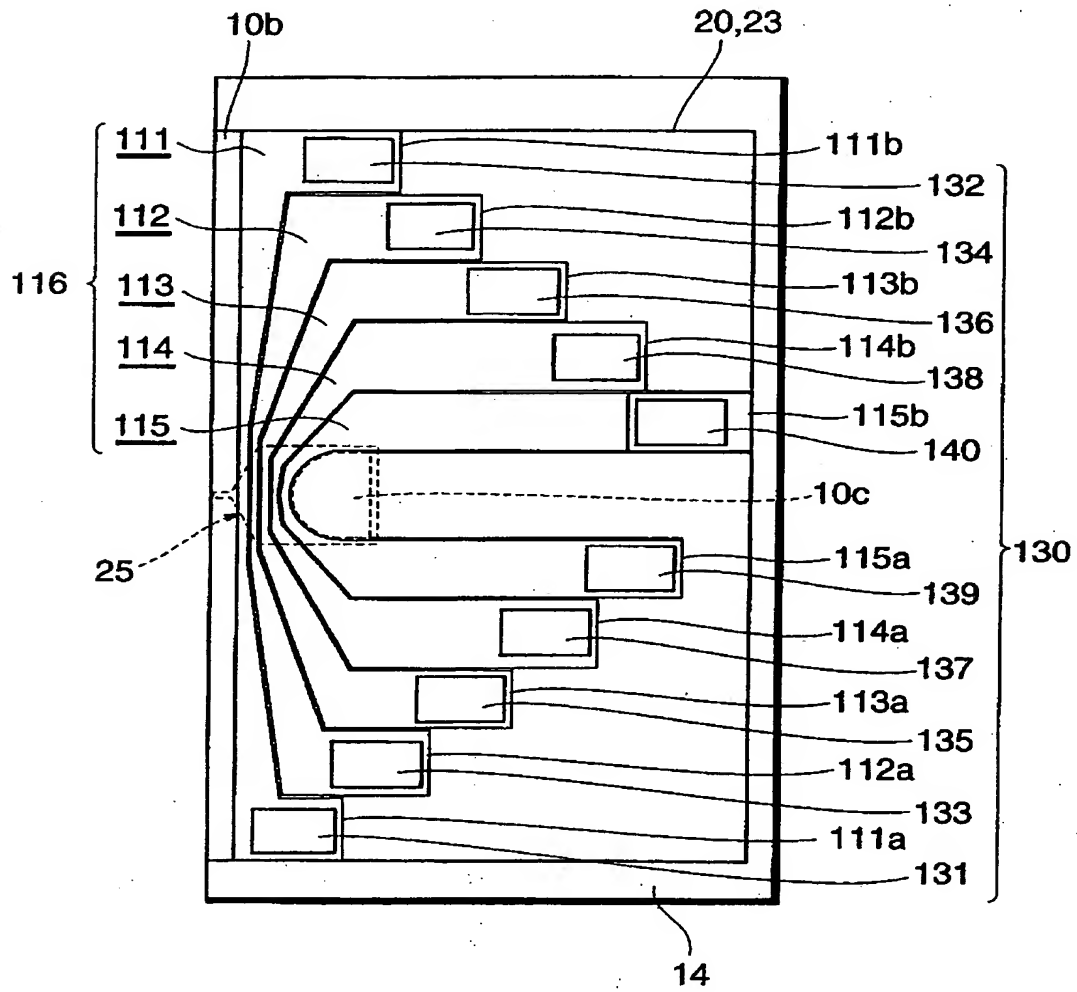


Fig.26

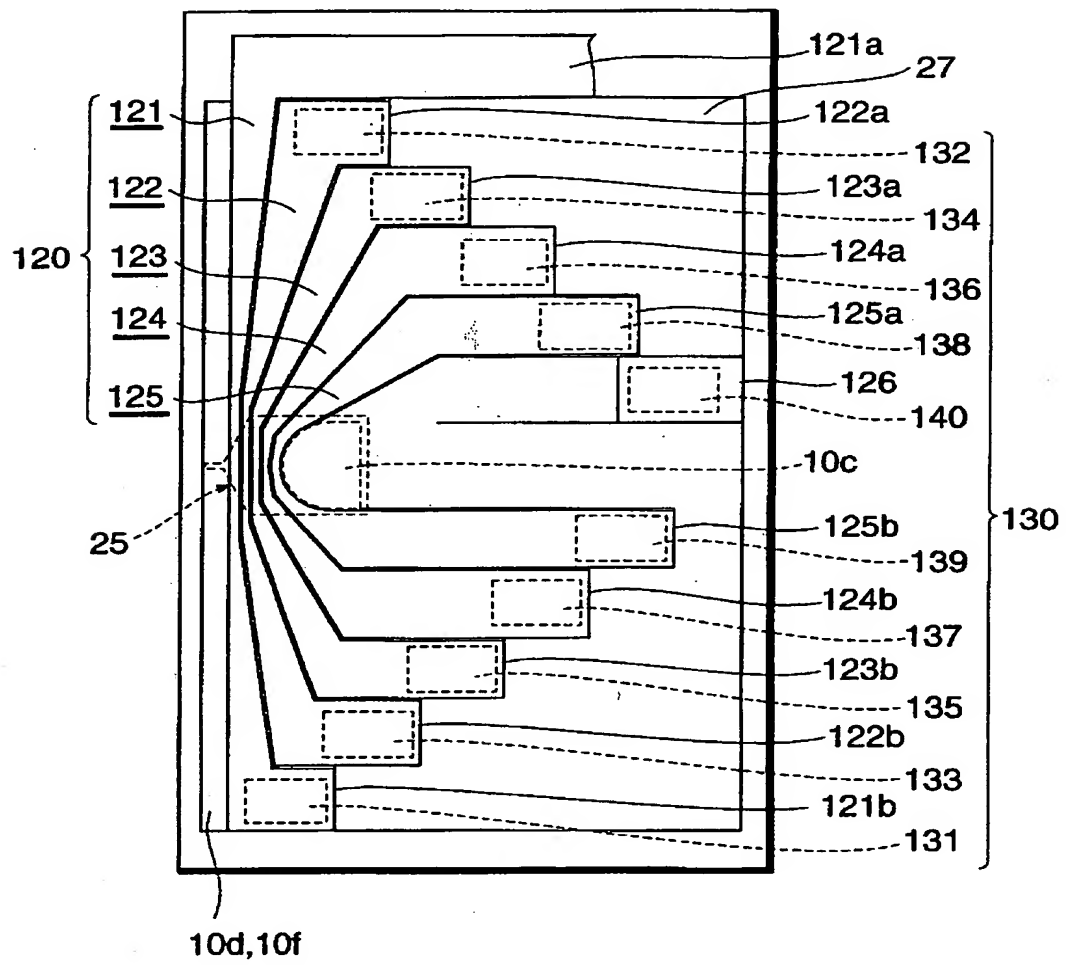


Fig.27

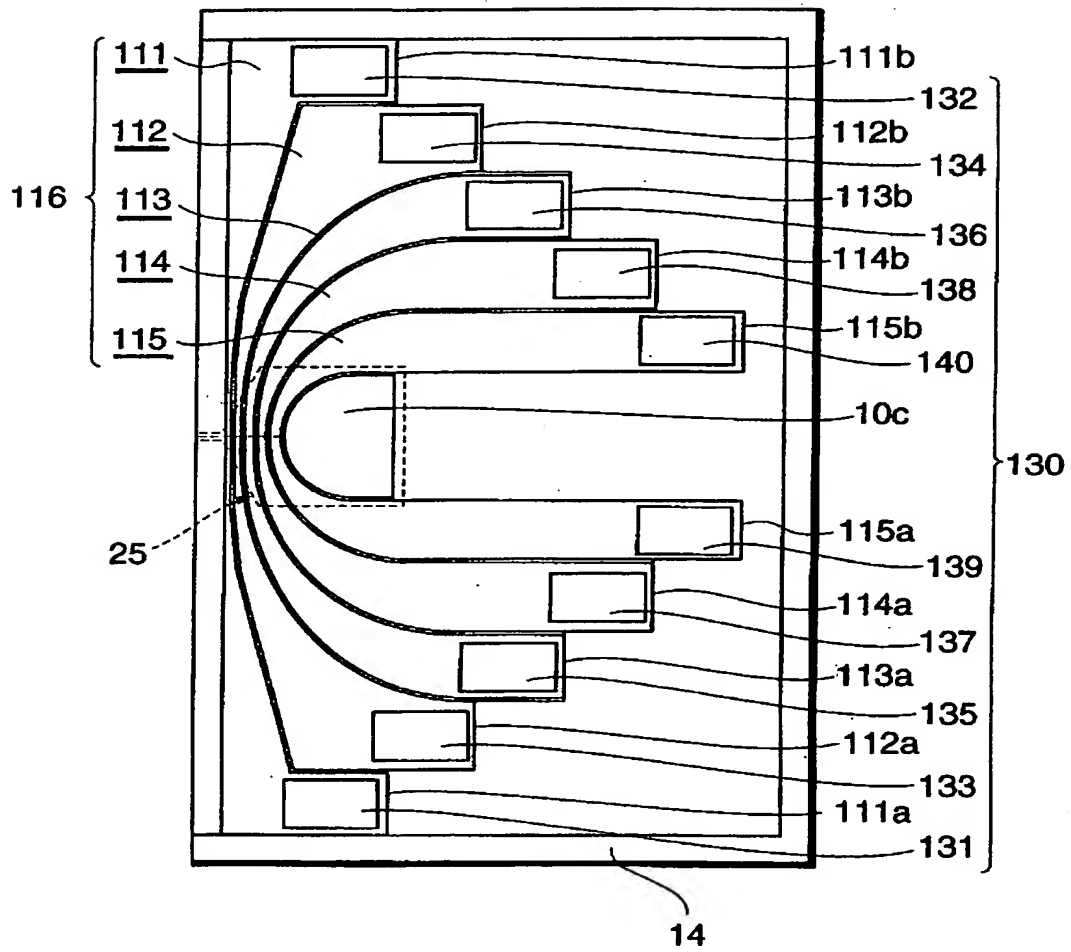


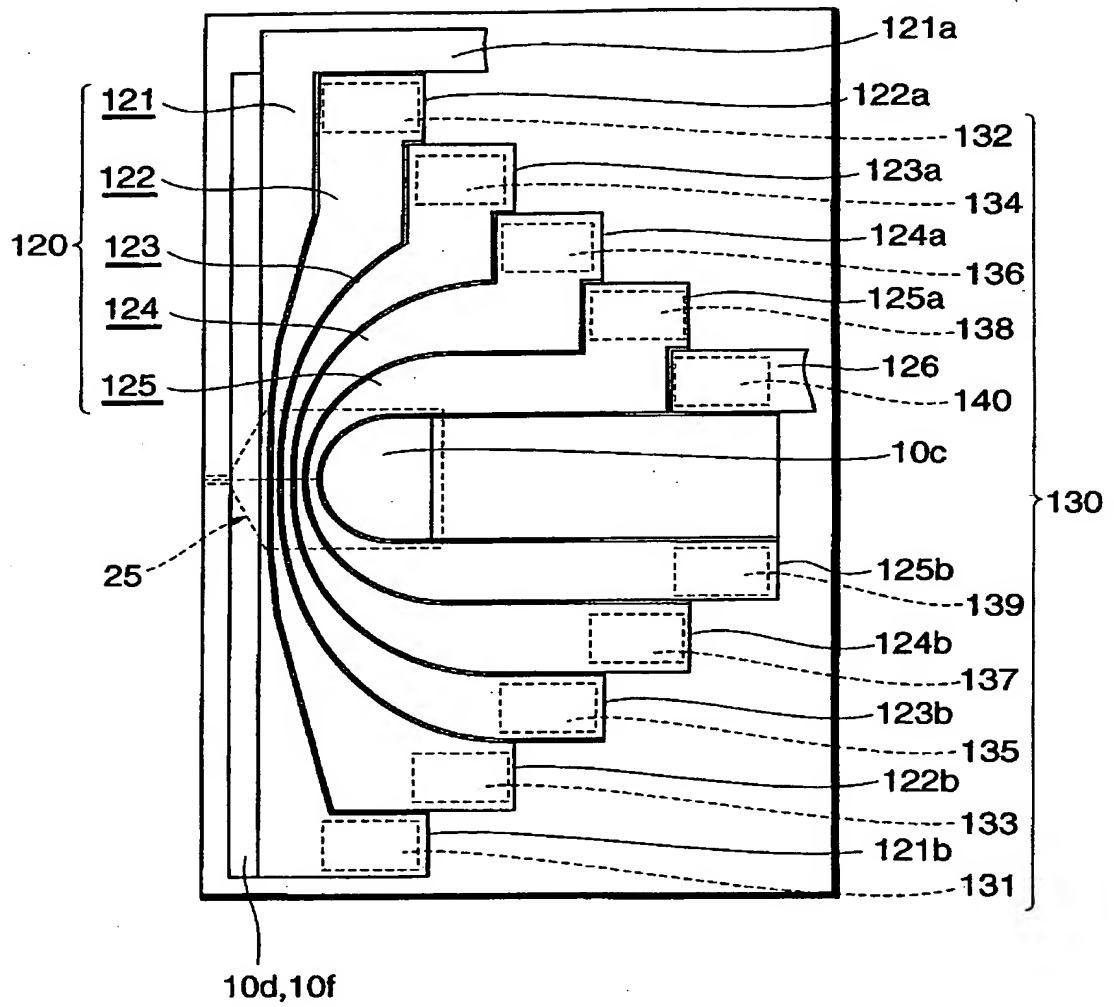
Fig.28

Fig.29

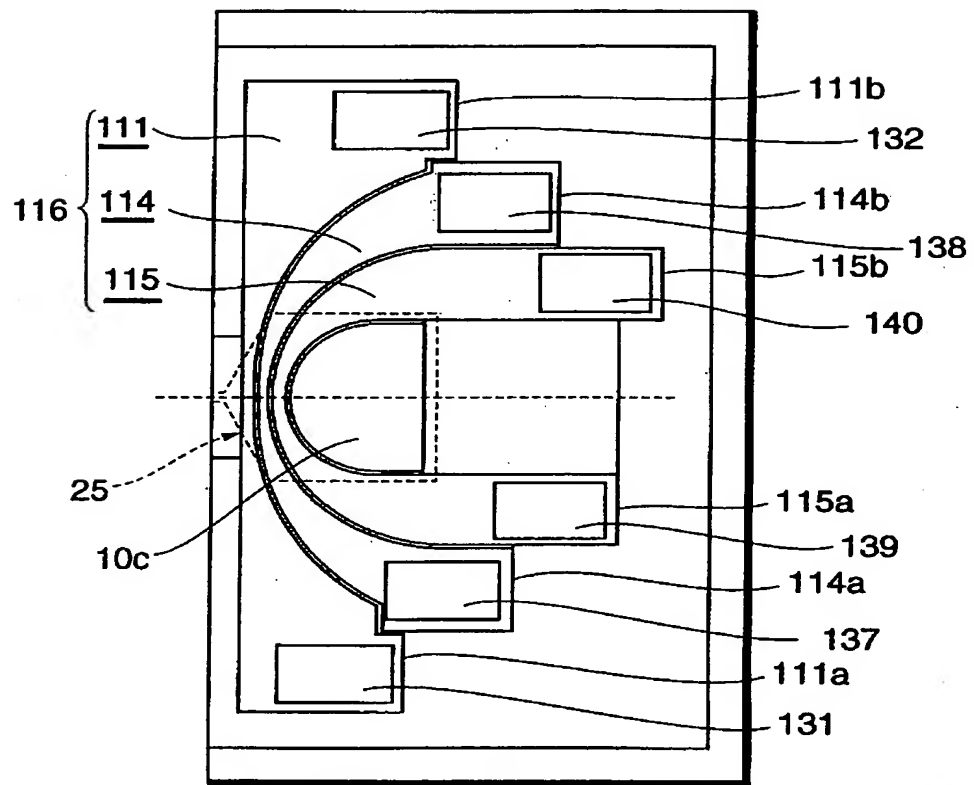
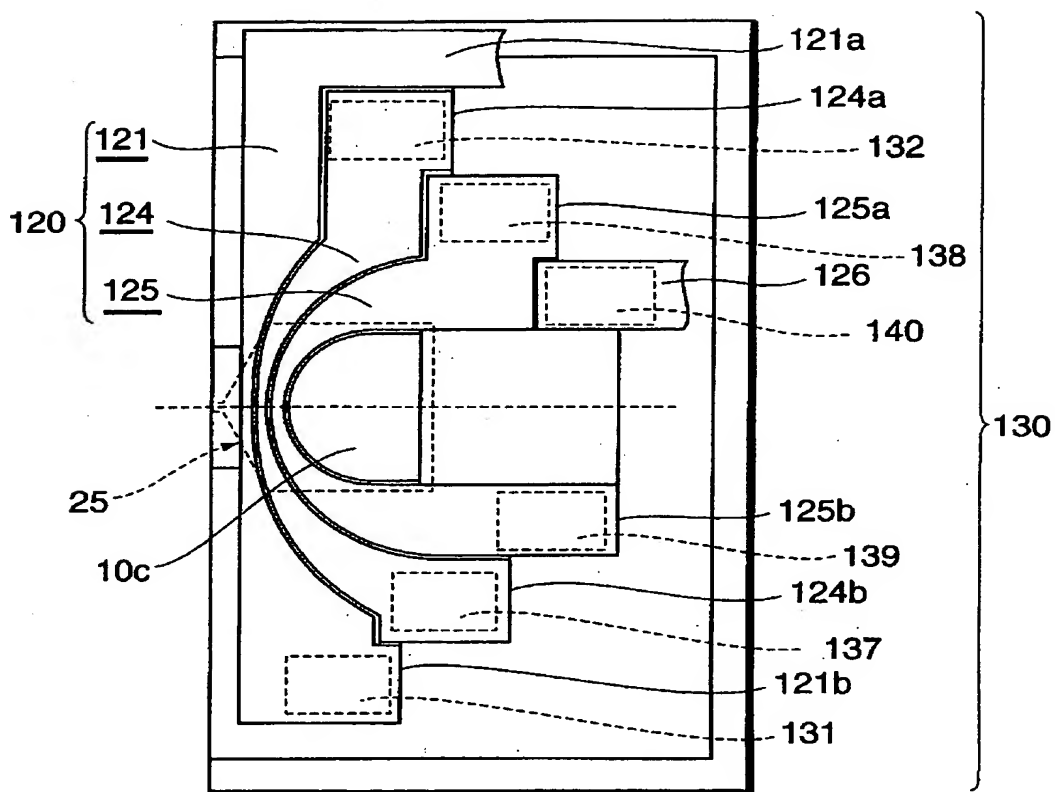


Fig.30



31/38

Fig.31B

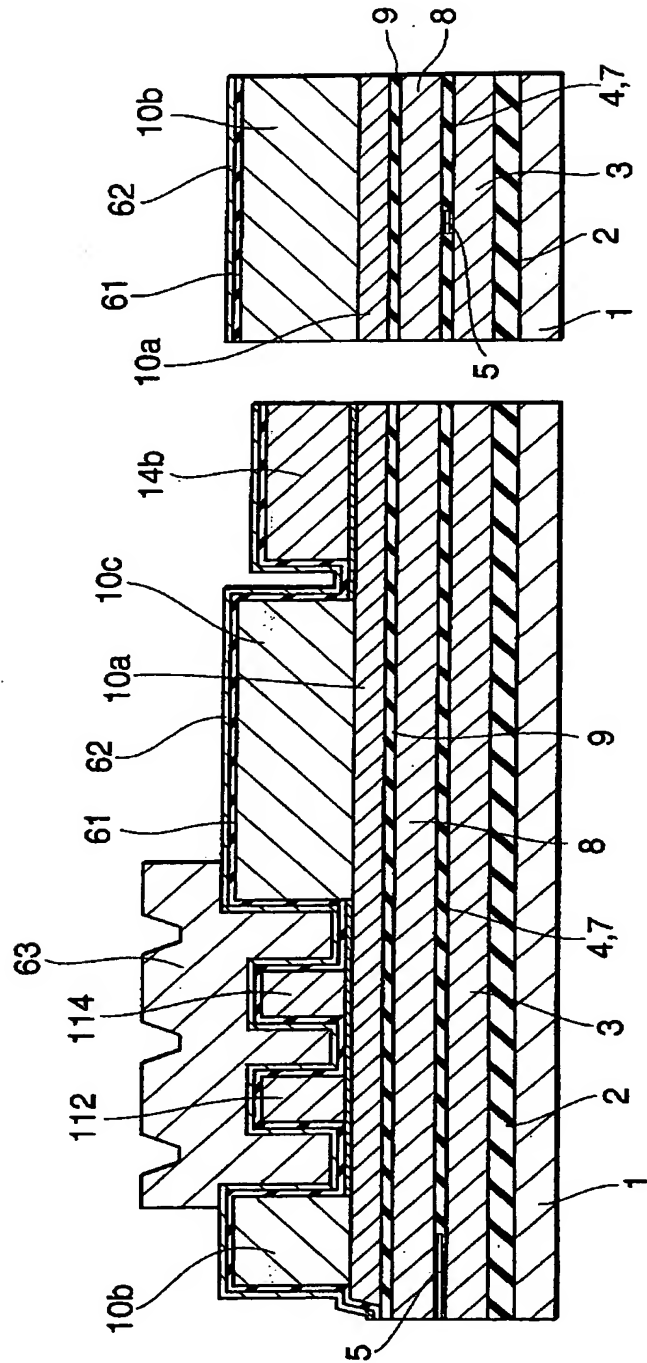


Fig.31A

Fig.32B

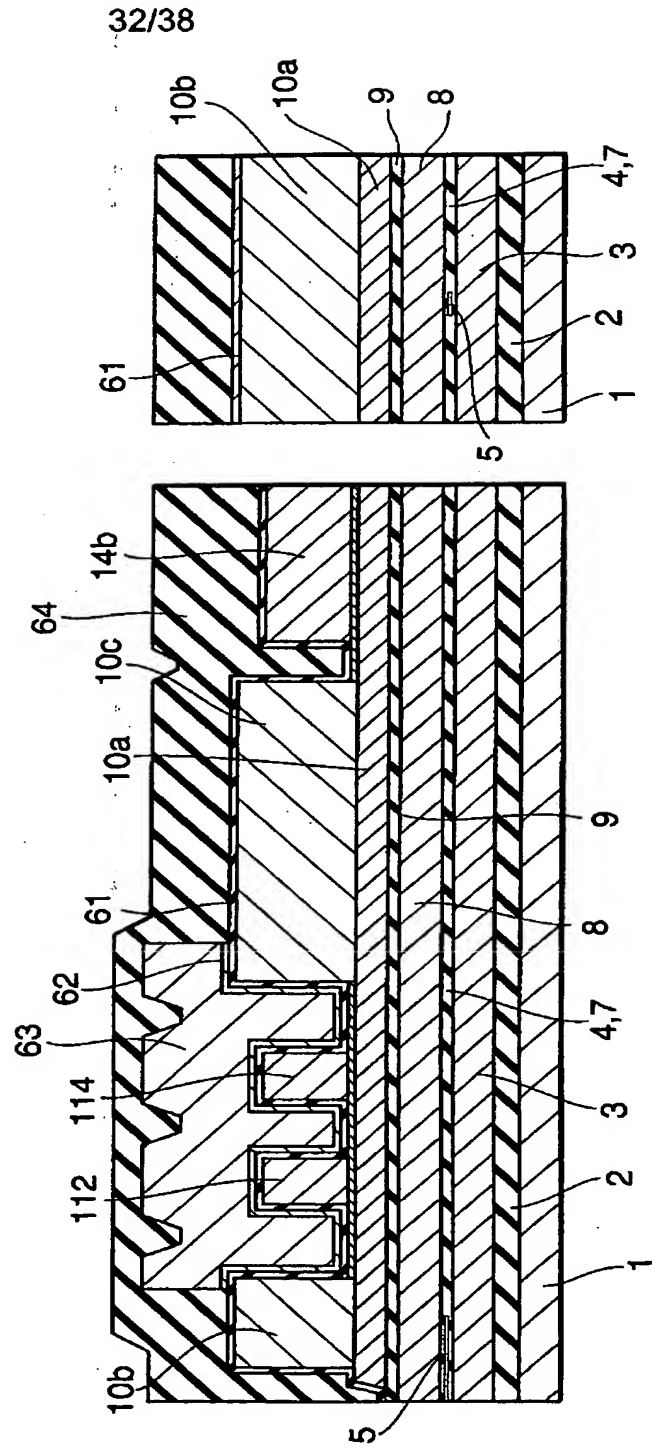


Fig.32A

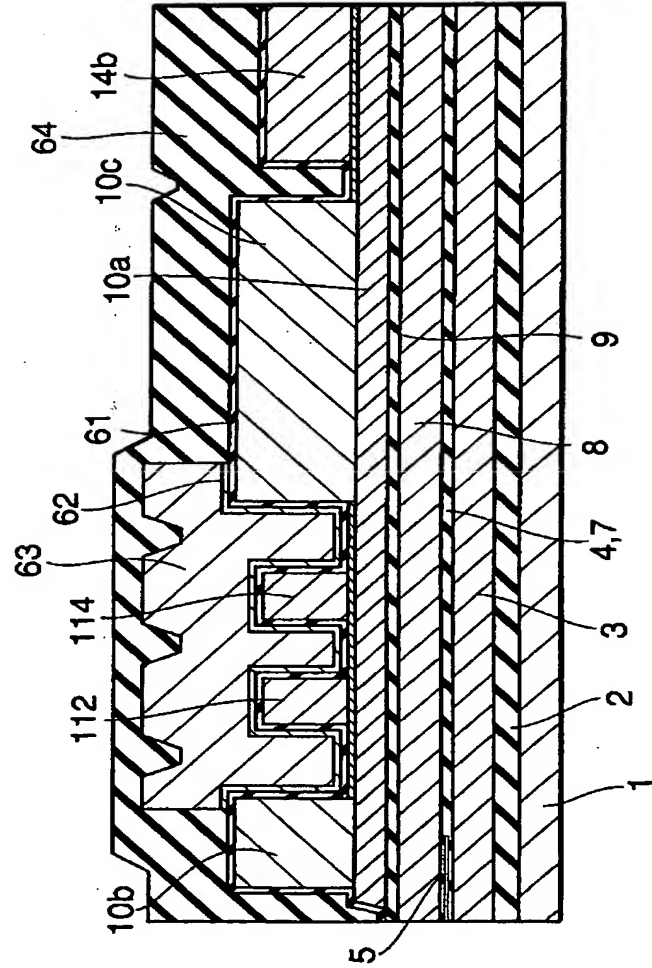


Fig.33B

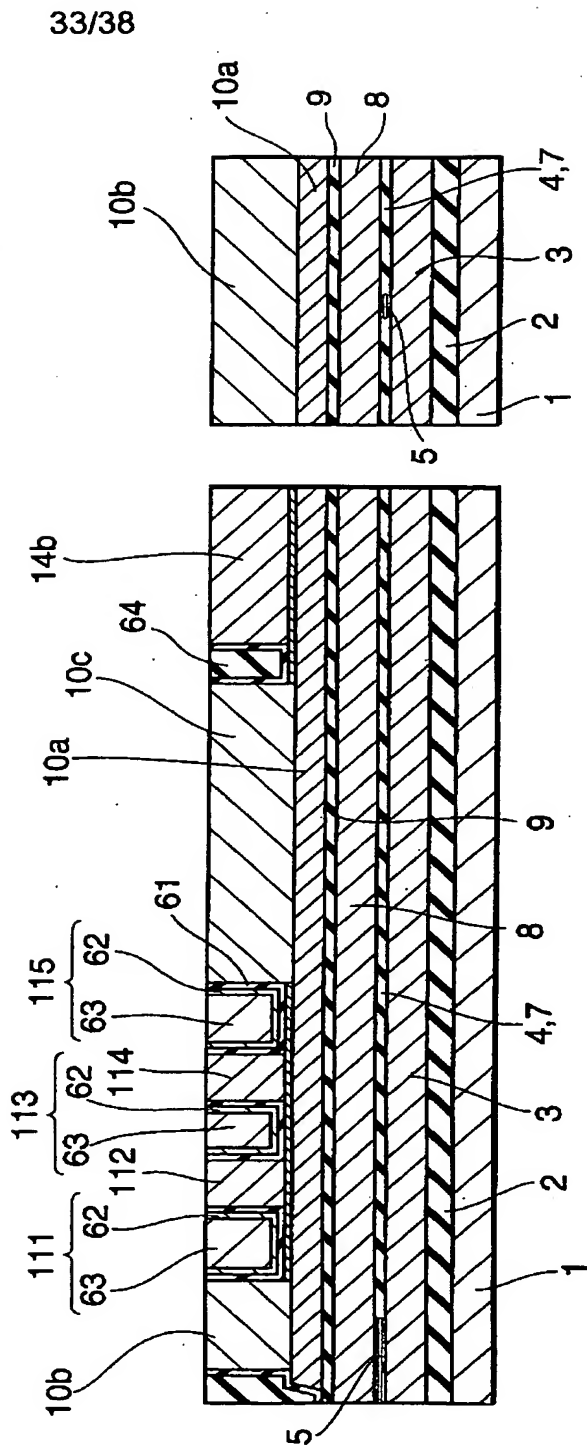


Fig.33A

Fig. 34A

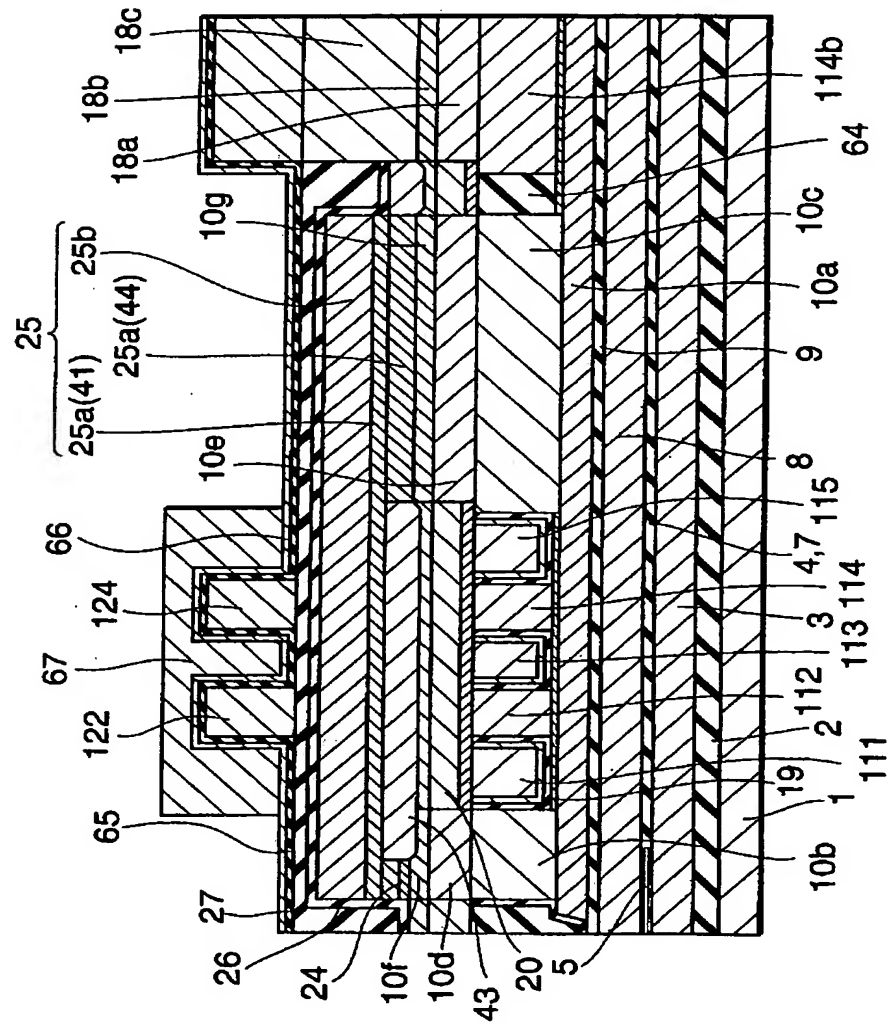


Fig. 34B

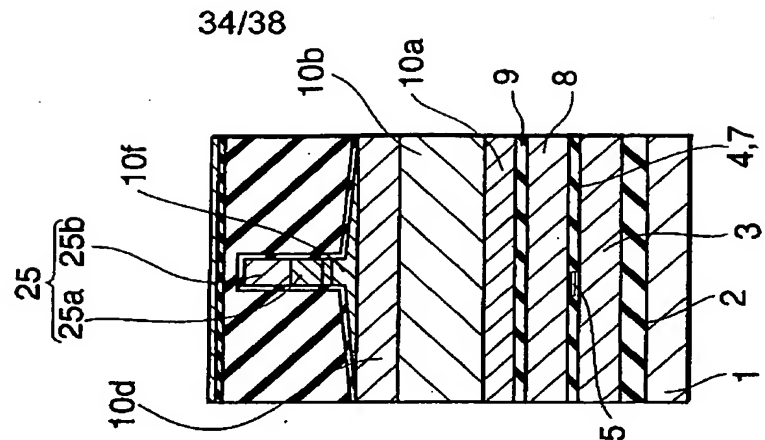


Fig. 36B

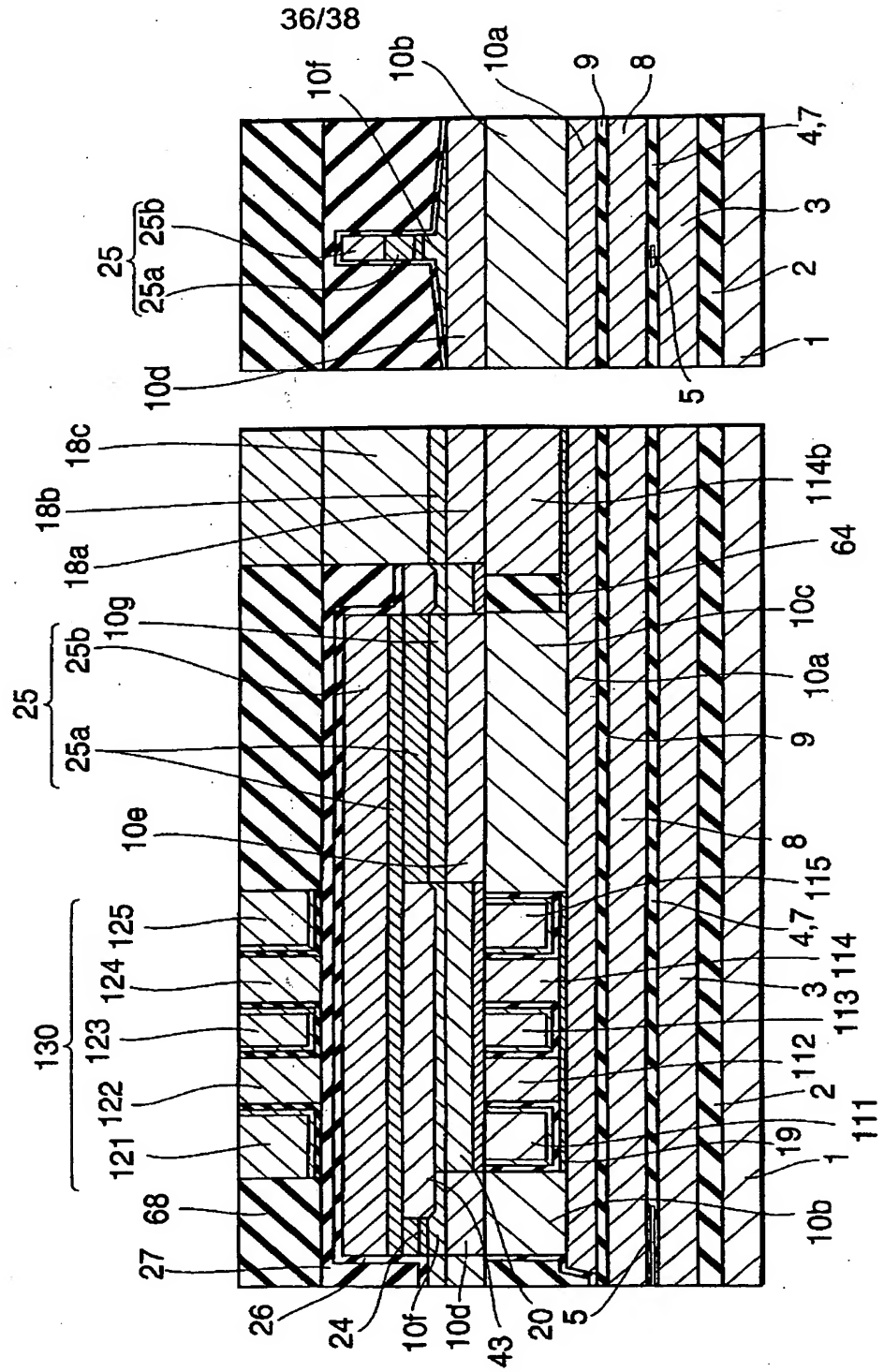


Fig. 37A

Fig. 37B

